

# Curriculum Vitae

Herbert Peter von Schroeder, BSc, MD, MSc, FRCSC

Prepared: April 3, 2024

## A. Biographical Information

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## 1. EDUCATION

### Degrees

1992 - 1994 MSc, University of Toronto, Toronto, Ontario  
1982 - 1986 MD, University of British Columbia, Vancouver, British Columbia  
1978 - 1982 BSc (Honours), University of British Columbia, Vancouver, British Columbia  
1973 - 1978 Diploma, Lord Byng Secondary School, Vancouver, British Columbia

### Postgraduate, Research and Specialty Training

1997 - 1998 Fellow, Hand and Microsurgery, C.M. Kleinert Institute, Louisville, Kentucky  
1996 - 1997 Fellow, Hand, Upper Extremity and Orthopaedic Trauma Surgery, Sunnybrook Health Sciences Centre, Toronto, Ontario  
1992 - 1994 Research Fellow, MRC Group in Periodontal Physiology and Division of Orthopaedics, University of Toronto, Toronto, Ontario  
1990 - 1996 Resident (Chief Resident 1995-1996), Orthopaedic Surgery, Surgical Scientist Program, University of Toronto, Toronto, Ontario  
1988 - 1990 Research Fellow, Division of Orthopaedics and Rehabilitation, University of California, San Diego, San Diego, California  
1986 - 1987 Rotating Internship, Ottawa Civic Hospital, Ottawa, Ontario

### Qualifications, Certifications and Licenses

2004 Certificate Added Qualification in Hand Surgery  
2002 Diplomate, American Board of Orthopaedic Surgery  
1996 FRCSC(C), Orthopaedic Surgery, Royal College of Surgeons of Canada  
1993 Examination, Principles of Surgery, Royal College of Surgeons of Canada  
1992 Medical License, Ontario, Canada, License # 57175  
1987 Examination, Parts I-III, National Board of Medical Examiners  
1987 Medical License, California, United States, License # G62051  
1986 Licentiate, Medical Council of Canada

## 2. APPOINTMENTS AND EMPLOYMENT

### Current Appointments

2021 Jun – 2024 Jun	Workplace Safety and Insurance Tribunal – Medical Assessor (3-year term)
2005 Jul - present	Associate Professor, Division of Orthopaedic Surgery, Department of Surgery, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada
2005 Jul - present	Associate Professor, Division of Plastic and Reconstructive Surgery, Department of Surgery, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada; Emeritus 2023
2005 – 2017; 2019 - 2023 - present	Associate Professor, Faculty of Dentistry, University of Toronto, Toronto, Ontario, Canada
1998 - present	Associate Staff Appointment, Divisions of Orthopaedic and Plastic Surgery, Toronto Western & General Hospitals, University Health Network, Toronto, Ontario, Canada; Associate 2023
2023 Jul - present	Consultant, Altum Health (Rehabilitation Solutions) Workplace Safety & Insurance Board Specialty Clinics, Toronto, Ontario, Canada
2023 Jul - present	Associate - University Hand Program, University of Toronto, Toronto, Ontario, Canada; (Emeritus 2023)

### Previous Appointments

#### UNIVERSITY - CROSS APPOINTMENT

1998 - 2023	Staff Appointment, Divisions of Orthopaedic and Plastic Surgery, Toronto Western & General Hospitals, University Health Network, Toronto, Ontario, Canada; Associate 2023
1998 – 2023 Jul	Hand Surgeon/Partner, University Hand Program, University of Toronto, Toronto, Ontario, Canada; Emeritus 2023
2021 Feb – 2023 Dec	Mt. Sinai Hospital, Consultant, Dovigi Sports Medicine Clinic, Courtesy Staff Privileges
2021 Feb – 2024 Jun	Trillium Health Partners, Courtesy Staff Privileges
2021 Feb - 2024 Jun	Women's College Hospital, Courtesy Staff Privileges
2019 – present	NHL and NHL Players Association, Consultant, Hand and Wrist Surgery
2006 – 2024	Toronto Maple Leafs, Consultant, Hand and Wrist Surgery
2020 – 2023	Cleveland Clinic, Consultant, Hand and Wrist Surgery
2005 - 2020	Medical Director, Altum Health Hand, Wrist, and Upper Extremity Program, University Health Network, Ontario, Canada
2003 - 2005	Assistant Professor, Faculty of Dentistry, University of Toronto, Toronto, Ontario, Canada
1998 - 2005	Assistant Professor, Division of Orthopaedic Surgery and Division of Plastic Surgery, University of Toronto, Toronto, Ontario, Canada

#### OTHER

1987 - 1989	Family and General Practice, Private Practice, El Cajon, California, United States
1987 - 1988	Family and General Practice, Vancouver, British Columbia, Canada

### 3. HONOURS AND CAREER AWARDS

#### Distinctions and Research Awards

##### INTERNATIONAL

###### Received

- 2018 **Editor's Choice Paper:** von Schroeder HP. Dorsal wrist plication for midcarpal instability. *J Hand Surg Am.* [Epub: 2017 Dec 11. pii: S0363-5023(17)30524-5. doi: 10.1016/j.jhssa.2017.11.002.] *J Hand Surg Am.* 2018 Apr;43(4):354–359.
- 2006 **Best Scientific Paper:** 10th Conference of the International Society for Fracture Repair, Adelaide, Australia. (Distinction) *Li R, Stewart D, von Schroeder HP, Schemitsch EH. Cell-based VEGF transfer to promote fracture healing.*
- 1999 **Traveling Fellow:** Canadian Orthopaedic Association & American Orthopaedic Association. (Distinction)

###### Nominated

- 1993 **Russel-Hebbs Award,** Scoliosis Research Society, Dublin, Ireland. (Distinction)

##### NATIONAL

###### Received

- 2006 **"CORS top scoring posters"**, 64th Annual Meeting Canadian Orthopaedic Association, Whistler, British Columbia. (Distinction) *Li R, Stewart D, von Schroeder HP, Li C, Schemitsch EH. Tissue engineering with cell-based gene transfer in fracture repair.*
- 2001 **Robert Salter Award,** Canadian Orthopaedic Foundation. (Distinction)
- 1992 **Fellowship,** Medical Research Council of Canada. (Distinction) (*application ranked number 1 in MRC award category*) *Renewed in 1993.*

##### LOCAL

###### Received

- 1998 **Roscoe Reid Graham Scholarship, Department of Surgery (3 years),** University of Toronto. (Distinction)
- 1996 **Canadian Back Institute Award, Kennedy Day,** University of Toronto. (Distinction)
- 1996 **R.I. Harris Award, Most Outstanding Resident,** University of Toronto. (Distinction)
- 1995 **Canadian Back Institute Award, Kennedy Day,** University of Toronto. (Distinction)
- 1994 **Grand Rounds in Orthopaedics Winner,** University of Toronto. (Distinction)
- 1994 **Laidlaw Award of Excellence, Institute of Medical Science,** University of Toronto. (Distinction)
- 1994 **Robin Sullivan Research Award, Orthopaedic Division,** University of Toronto. (Distinction)
- 1993 **Honourable Mention for Research Paper, Institute of Medical Science,** University of Toronto. (Distinction)
- 1991 **Runner-up: Gallie-Bateman Prize Presentation Awards,** University of Toronto. (Distinction)

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- 1984                    **Medical Research Council of Canada Summer Research Award**, The University of British Columbia. (Distinction)
- 1983                    **F.E. Heighway Research Award**, The University of British Columbia. (Distinction)
- 1982                    **Research Award, Research Coordinating Committee**, The University of British Columbia. (Distinction)
- 1981                    **Summer Studentship, Department of Physiology**, The University of British Columbia. (Distinction)
- 1978                    **Lord Byng Book Prize in Science**, Lord Byng Secondary School. (Distinction)
- 1978                    **Lord Byng Gold Medallion**, Lord Byng Secondary School. (Distinction)

### **Student/Trainee Awards**

#### Received

- 2005                    **Resident Research Award**, Supervisor, Awardee Name: Hamid Nourhosseini. Astrazeneca Kennedy Day, Division of Orthopaedic Surgery

## **4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

### **Professional Associations and Activities**

- 2021 –                    Smith + Nephew: Medical Consultant
- 2019 – 2020            Integra Life Sciences: Medical Education Lectures and Cadaver Lab teaching
- 2018 - present        American Association for Hand Surgery (Board of Directors 2018 - 2019)
- 2010 - present        American Society for Surgery of the Hand
- 2010 - present        International Wrist Investigators
- 2010 – present        Healthwise: Clinical Review Board
- 2002 - present        American Academy Orthopaedic Surgeons
- 2001 - 2019            Orthopaedic Research Society
- 2000 - present        Bone and Mineral Research Group
- 1999 - 2019            American Society for Bone and Mineral Research
- 1998 - present        Kleinert Society
- Canadian Medical Protective Association
- Canadian Orthopaedic Association
- Sidney Smith Society of the Presidents' Circle, University of Toronto
- University of British Columbia Medical Alumni
- University of Toronto Surgical Alumni

## Administrative Activities

### INTERNATIONAL

#### American Association for Hand Surgery

2019 – 2020 **Committee Member**

2018 – 2019 **Board of Directors**

#### Healthwise

2002-2023 **Clinical Review Board**

### NATIONAL

#### Arcamedx

2000 - 2010 **Member**, Medical Advisory Committee

#### Canadian Orthopaedic Association

2002 - 2008 **Representative**, Subspecialty Committee: Canadian Society for Surgery of the Hand

2003 - 2007 **Member**, Program Committee

#### Canadian Orthopaedic Residents' Association

1997 **Organizer**, 23rd Annual Meeting

1996 - 1997 **President**, CORA Executive Committee

1992 - 1996 **Toronto Representative**, CORA Executive Committee

#### Canadian Society for Surgery of the Hand (Manus Canada)

2002 - 2014 **Member**, Executive Committee

### PROVINCIAL / REGIONAL

#### Ministry of Health and Long-Term Care

2004 **Consultant (small joint arthroplasty)**

#### Ontario Wait Time Strategy

2011 **Expert Panel**, Plastic and Reconstructive Surgery

#### Toronto Orthopaedic Residents' Association

1995 - 1996 **Chief Resident and President**

### LOCAL

#### Toronto Western Hospital Research Institute

1998 - present **Member**

#### St. Michael's Hospital

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2004 - 2010 **Member**, Animal Care Committee, Research Protocol Review

TGH Plastic Surgery Associates

2002 - 2018 **Financial Director**

University of Toronto

2005 - 2020 **Medical Director**, Altum Health, Hand, Wrist and Upper Extremity Program, UHN

2003 - 2013 **Member**, Hand Program Search Committee, Faculty of Medicine, Dept. of Surgery, Orthopaedic Surgery

2016 **Member**, Division of Orthopaedics Strategic Planning Working Group

2015 **Hand Surgeon**, Hand Transplant Team, Hand Program, Faculty of Medicine, Dept. of Surgery, Orthopaedic Surgery

1999 - 2002 **Member**, Research Committee, Faculty of Medicine, Dept. of Surgery, Orthopaedic Surgery

1998 - 2012 **Member**, Hand Summit Committee, Faculty of Medicine, Dept. of Surgery, Orthopaedic Surgery

2009 May 8 **Poster Judge**, 31st Annual Gallie Day, Faculty of Medicine, Dept. of Surgery

2006 - 2007 **Member**, MSK Osteoarthritis Initiative (May 25), Faculty of Medicine, Dept of Surgery

2006 - 2007 **Member**, Orthopaedic Surgery Strategic Planning (April 27), Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

2006 - 2007 **Member**, Plastic Surgery Strategic Planning (April 25), Faculty of Medicine, Dept of Surgery, Plastic Surgery

2006 - 2007 **Member**, Rehabilitation Solution Strategic Planning

2006 - 2007 **Member**, Orthopaedic and Hand Strategic Planning (June 15)

2005 - 2007 **Member**, Candidate Assessment - Promotions, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

2005 **Judge**, 28th Annual Gallie Day, Faculty of Medicine, Dept of Surgery

2001 - 2002 **Member**, Curriculum Review Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

2001 - 2002 **Member**, PGY-1 Selection Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery, Postgraduate MD

2000 - 2002 **Member**, Resident Evaluation Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

2000 - 2001 **Project Reviewer**, Summer Scholarship Review Committee, Faculty of Medicine

1999 - 2002 **Fellowship Coordinator**, Hand Program, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

1999 **Reviewer**, Bone and Mineral Research Group Grant, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

1996 **Committee and Panel Member**, Resident Selection Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery, Postgraduate MD

1995 - 1996 **Resident Representative**, Resident Evaluation Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

1995 - 1996 **Member**, Resident Training Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

1995 - 1996 **Member**, Curriculum Committee, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

1995 - 1996 **Resident Representative and Resource Member**, Orthopaedic Council, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery

## Peer Review Activities

### Grant Reviewer

2018	Mitacs Accelerate
2009	The Physicians' Services Incorporated
2006	University of Toronto, Faculty of Dentistry
2001	Canadian Institutes of Health Research

### Manuscript Reviewer

2021	Journal of Clinical Medicine
2017 - 2021	Journal of Hand Surgery (Am)
2003 – 2005, 2021	Clinical Orthopaedics and Related Research
2020	Journal of Hand and Microsurgery
2018	Hand (Reviewer for Award Papers)
2015	Journal of Hand and Microsurgery
2009 - 2017	Surgical and Radiologic Anatomy
2013	Qatar Medical Journal
2013	The Journal of Rheumatology
2009	BMC Musculoskeletal Disorders
2009	Canadian Medical Association Journal
2009 - 2016	Case Reports in Medicine
2009	Journal of Reconstructive Microsurgery
2007	Canadian Journal of Surgery
2006	Oncogene Journal
2005	Canadian Journal of Surgery
2004	Canadian Medical Association Journal
2004	Journal of Rheumatology
2003	The Histochemical Journal
2002	Canadian Journal of Surgery

## Other Research and Professional Activities

### THESIS PROJECTS

1994	<b>MSc thesis.</b> Retinoid-responsiveness of chondrogenic cells in vitro and developing musculoskeletal tissues in vivo. University of Toronto.
1982	<b>BSc thesis.</b> A bioassay for the natriuretic activity of atrial specific granules. The University of British Columbia, Vancouver.

## B. Research Funding

### 1. GRANTS, CONTRACTS AND CLINICAL TRIALS

#### PEER-REVIEWED GRANTS

##### FUNDED

2018 –2019	<b>Principal Investigator.</b> The study of scaphoid fracture nonunions. 5312.60 CAD. [Grants]
2017-2019	<b>Collaborator.</b> Trapeziometacarpal osteoarthritis biomarker profile. H. Baltzer, H. von Schroeder, et al. American Foundation for Surgery of the Hand. 40,000 USD [Grants]
2017	<b>Collaborator.</b> Trapeziometacarpal osteoarthritis biomarker profile: a translational study for correlating biomarker expression to OA phenotype. H. Baltzer, H. von Schroeder, et al. CSPS Clinical Outcomes Research Grant. May 2017. 10,000 CAD. [Grants]
2015 - 2016	<b>Collaborator.</b> Distal Radius Fracture Care in the Province of Ontario: Factors Impacting Management. Physicians Services Incorporated Foundation. PI: K. Armstrong. Collaborator(s): <b>H. von Schroeder</b> , T. Zhong, N. Baxter, S. McCabe. 18,500 CAD. [Grants]
2012 Sep - 2014 Aug	<b>Collaborator.</b> Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. American Foundation for Surgery of the Hand. PI: Novak, C. Collaborator(s): Anastakis DJ, Fernie G, <b>von Schroeder HP</b> . 20,000 USD. [Grants] <i>September 1, 2012 – August 31, 2014.</i>
2004 Jul - 2006 Jun	<b>Principal Investigator.</b> Modifying osteoblast signaling pathways to increase vascular cell proliferation: culture experimental models. Physicians Services Incorporated Foundation (The PSI). 121,000. [Grants]
2004 Jul - 2006 Jun	<b>Principal Investigator.</b> Optimizing in vitro osteogenesis: applications towards the study of scaphoid fracture nonunions. Manus Canada. 2,500. [Grants]
2004 Jan - 2004 Dec	<b>Principal Investigator.</b> Modifying osteoblast signaling pathways to increase vascular cell proliferation: culture experimental models. Division of Orthopaedics/Zimmer of Canada. 10,000. [Grants]
2003 Jan - 2003 Dec	<b>Principal Investigator.</b> Characterization of intracellular pathways necessary for osteoblastic differentiation. Zimmer of Canada. 10,000. [Grants]
2002 Jul - 2003 Jun	<b>Principal Investigator.</b> Technician Support. University Health Network and Department of Surgery. 32,000. [Grants]
2002 Jan - 2002 Dec	<b>Principal Investigator.</b> Biofilm formation in orthopaedic implants. Zimmer of Canada. 10,000. [Grants]
2001 Jul - 2002 Jun	<b>Principal Investigator.</b> Lateral epicondylitis: Prospective assessment of two therapeutic modalities. Ontario College of Massage Therapists. Collaborator(s): Chappelle, S. 30,000. [Grants]

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- 2001 Jan - 2001 Dec      **Principal Investigator.** Microarray analysis of osteoblast differentiation. Zimmer of Canada. 10,000. [Grants]
- 2001 Jan - 2001 Dec      **Principal Investigator.** Microarray analysis of osteoblast proliferation. Canadian Orthopaedic Foundation. Robert Salter Award. 10,000. [Grants]
- 1998 Jul - 2001 Jun      **Principal Investigator.** Osteoblast Biology. The Toronto Hospital. 50,000. [Grants]

## C. Publications

### 1. PEER-REVIEWED PUBLICATIONS

#### Journal Articles (PubMed <https://www.ncbi.nlm.nih.gov/pubmed/?term=von+schroeder+h>)

1. Tran J, Peng P, Ho L, **von Schroeder HP**, Agur A. Innervation of Thumb Carpometacarpal Joint: Implications for Diagnostic Block and Denervation procedures. Accepted Regional Anesthesia & Pain Medicine Sept 2023 rapm-2023-105009.R1.
2. Schöffl VR, **von Schroeder HP**, Lisse J, El-Sheikh Y, Küpper TEAH, Klinder A, Lutter C. Wrist injuries in climbers. Am. J. Sports Med. 2023 51(13):3416-3425.
3. Chan A, Lameire DL, Khalik HA, **von Schroeder HP**, Paul R. Partial Scapholunate Ligament Injuries: A Systematic Review of Treatment Options. Journal of Wrist Surgery. Accepted March 2023. Ref.: Ms. No. JWS-D-22-00128R1.
4. D'Abbondanza JA, Mélissa Roy M, Okrainec K, Novak CB, **von Schroeder HP**, Urbach DR, McCabe SJ. Health Literacy Awareness Among Surgeons. Accepted U of T Medical Journal Nov. 2022.
5. Tran J, Ho L, **von Schroeder HP**, Agur AMR, Peng PWH. Anatomical study of the innervation fo triangular cartilage complex, distal radioulnar, and radiocarpal joints: implications for denervation. J Hand Surg. 2022 Sep;47(9):843-854. Epub 2022 Jul 21.
6. Yu M, **von Schroeder HP**. "Uninformed" consent: Patient recollection from surgical consent in hand surgery—A quality improvement initiative. Hand. 2021 Jul;16(4):528-534. Epub 2019 Sept 5.
7. Catapano J, Overduin OO, **von Schroeder HP**. Bilateral Preiser disease in a patient with sickle cell anemia: a case report. J Hand Microsurg. 2020 Aug 10;14(3):255-259. eCollection Jul 2022.
8. **von Schroeder HP**, Xue CR, Yak A, Gandhi R. Factors associated with unsuccessful return-to-work following work-related upper extremity injury. Occup Med (Lond). 2020 Sep 9;70(6):434-438.
9. Retrouvey H, Sander B, **von Schroeder HP**, Binhammer P, Baltzer HL. Cost-effectiveness Analysis of Motion Preserving Operations for Wrist Arthritis. Plastic and Reconstructive Surgery 2020 Nov;146(5):588e-598e
10. Dreckmann SC, **von Schroeder HP**, Novak CB, Baltzer HL. Utility of Specialized Imaging for Diagnosis of Chronic Wrist Pain. J Wrist Surg. 2019 Dec;8(6):497-502 DOI:10.1055/s-0039-1697022.
11. Austin RE, **von Schroeder HP**. How accurate are we? A comparison of resident and staff physician billing knowledge and exposure to billing education during residency training. Can J Surg. 2019 Oct 1;62(5):340-346.

12. Armstrong K, Huang A, **von Schroeder HP**, Baxter N, McCabe S, Zhong T. The epidemiology and evolution of surgical treatment of distal radius fractures in Ontario, Canada: a population based retrospective cohort study (2004-2013) *Can J Surg*. 2019 Sep 23;62(6):016218. doi: 10.1503/cjs.016218. [Epub ahead of print] PMID: 31545562
13. Cheng H, Novak CB, Veillette C, **von Schroeder HP**. Influence of psychological factors on patient-reported upper extremity disability. *J Hand Surg Eur Vol*. 2020 Jan;45(1):71-76. doi: 10.1177/1753193419859373. Epub 2019 Jul 4. PMID: 31272266
14. Roy M, Novak CB, Urbach DR, McCabe SJ, **von Schroeder HP**, Okrainec K. Decisional conflict in surgical patients: Should surgeons care? *Can J Surg*. 2019 Mar 22;62(3):1-3. [Epub ahead of print] PubMed PMID: 30900439.
15. Zuo KJ, Saggaf M, **von Schroeder HP**, Binhammer P. Outcomes of Secondary Combined Proximal Interphalangeal Joint Release and Zone II Flexor Tenolysis. *Hand (N Y)*. 2019 Feb 14;1558944719828005. doi: 10.1177/1558944719828005. [Epub ahead of print] PubMed PMID: 30762432.
16. Roy M, Okrainec K, Novak CB, **von Schroeder HP**, Urbach DR, McCabe SJ. Universal Measures of Support Are Needed: A Cross-Sectional Study of Health Literacy in Patients with Dupuytren's Disease. *Plast Reconstr Surg*. 2019 Feb;143(2):350e-358e. doi: 10.1097/PRS.0000000000005209. PubMed PMID: 30688895.
17. Roy M, Corkum JP, Urbach DR, Novak CB, **von Schroeder HP**, McCabe SJ, Okrainec K. Health Literacy Among Surgical Patients: A Systematic Review and Meta-analysis. *World J Surg*. 2019 Jan;43(1):96-106. doi: 10.1007/s00268-018-4754-z. PubMed PMID: 30105637.
18. Novak CB, Li Y, **von Schroeder HP**, Anastakis DJ, McCabe SJ. Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. *J Hand Surg Am*. 2019 Aug;44(8): 693.e1-693.e6. doi: 10.1016/j.jhsa.2018.09.014. Epub 2018 Nov 9. PMID: 30420191
19. **von Schroeder HP**. Dorsal wrist plication for midcarpal instability. *J Hand Surg Am*. [Epub ahead of print: 2017 Dec 11. pii: S0363-5023(17)30524-5. doi: 10.1016/j.jhsa.2017.11.002.] *J Hand Surg Am*. 2018 Apr;43(4):354-359. (Editor's Choice article)
20. Yeung C, McMillan C, Saun TJ, Sun K, D'hondt V, **von Schroeder HP**, Martou G, Lee M, Liao E, Binhammer P. Developing Cognitive Task Analysis-based Educational Videos for Basic Surgical Skills in Plastic Surgery. *J Surg Educ*. 2017 Mar 22. pii: S1931-7204(16)30238-0.
21. McEvenue G, Fitzpatrick F, **von Schroeder HP**. An educational Intervention to Improve Splinting for Common Hand Injuries. *Journal of Emergency Medicine*. 2015 Feb;50(2):228-234.
22. Plant MA, Novak CB, McCabe SJ, **von Schroeder HP**. Use of Digital Images to Aid in the Decision-making for Acute Upper Extremity Trauma Referral. *Journal of Hand Surgery. (European Volume)* 2016 Sep;41(7):763-768.
23. Weyand B, Israelowitz M, Kramer J M., Bodmer C, Noehre M, Strauss S, Schmaelzlin E, Gille C, **von Schroeder HP**, Reimers K, Vogt PM. Three dimensional modelling inside a differential pressure laminar flow bioreactor filled with porous media. *BioMed Research International*. 2015. 320280
24. Weyand B, Noehre M, Schmaelzlin E, Stolz M, Israelowitz M, Gille C, **von Schroeder HP**, Reimers K., Vogt PM. Noninvasive oxygen monitoring in three-dimensional tissue cultures under static and dynamic culture conditions. *Bioresearch*. 2015. May 1;4(1):266-277.
25. Israelowitz M, Weyand B, Leiterer C, Muñoz-Sanjose V, Martinez-Tomas C, Herraiz-Llacer M, Slowik I, Beletes C, Fritzsche W, Krafft C, Henkel T, Reuter M, Rizvi SWH, Gille C, Reimers K, Vogt P, **von Schroeder HP**. Biomimetic-inspired infrared sensors from Zn3P2 microwires: Study of their photoconductivity and infrared spectrum properties. *New Journal of Science*. May;2014, Article ID 524042, 9 pages. doi: 10.1155/2014/524042. <https://doi.org/10.1155/2014/524042>
26. Weyand B, **von Schroeder HP**. Altered VEGF-A and receptor mRNA expression profiles and identification of VEGF144 in fetal rat calvaria cells in coculture with microvascular endothelial cells. *Cell Biol Int*. 2013 Jul;37(7):713-724.

27. Weyand B, Kasper C, Israelowitz M, Gille C, **von Schroeder HP**, Reimers K, Vogt PM. A differential pressure laminar flow reactor supports osteogenic differentiation and extracellular matrix formation of adipose mesenchymal stem cells in a macroporous ceramic scaffold. *BioResearch*. 2012 Jun;1(3):145-156.
28. Singh G, Pichora-Fuller MK, Hayes D, **von Schroeder HP**, Carnahan H. The aging hand and the ergonomics of hearing aid controls. *Ear Hear*. 2013 Jan-Feb;34(1): e1-e13.
29. Niazi AU, El-Beheiry H, Ramlogan R, Graham B, **von Schroeder HP**, Tumber PS. Continuous infraclavicular brachial plexus blockade: effect on survival of replanted digits. *Hand Surgery*. 2013;18(3):325-330.
30. Qu G, **von Schroeder HP**. Preliminary evidence for the dedifferentiation of RAW 264.7 cells into mesenchymal progenitor-like cells by a purine analog. *Tissue Engineering. Part A*. 2012 Sep;18(17-18):1890-901
31. Jepeganiam T, **von Schroeder HP**. Rapid resorption of calcium sulfate and hardware failure following corrective radius osteotomy. *Journal of Hand Surgery*. 2012 Mar;37(3):477-480.
32. Tarbhai K, Hannah S, **von Schroeder HP**. Trigger finger treatment: a comparison of two splint designs. *J Hand Surg Am*. 2012 Feb;37(2):243-249.e1. Epub 2011 Dec 20.
33. Novak C, Mehdian H, **von Schroeder HP**. Laxity of the ulnar nerve during elbow flexion and extension. *J Hand Surg (A)*. 2012; 37, 1163-1167.
34. Weyand B, Scmälzlin, Stolz M, Israelowitz M, Gille C **von Schroeder HP**, Reimers K, Vogt PM. Application of a laser-based sensor for real-time oxygen monitoring in three-dimensional tissue cultures. *Journal of Tissue Engineering and Regenerative Medicine*. 6(Suppl.1): 343.
35. Israelowitz M, Weyand B, Rizvi S, Vogt PM, **von Schroeder HP**. Development of laminar flow bioreactor using computational fluid dynamics. *Journal Healthcare Engineering*. 3(3): 455-476.
36. Wong, K, **von Schroeder HP**. Delays in poor management of scaphoid. *Journal of Hand Surgery*. 2011 Sep;36(9):1471-4. Epub 2011 Jul 31.
37. Israelowitz M, Kwon J-A, Rizvi SWH, Gille C, **von Schroeder HP**. Mechanism of infrared detection and transduction by the beetle melanophila acuminata. *Journal of Bionic Engineering*. 2011: 8 (2): pp 129-139.
38. Weyand B, Israelowitz M, **von Schroeder HP**, PM Vogt. Fluid dynamics in bioreactor design: consideration or the theoretical and practical approach. *IFMBE Proceedings* 2009. 30: 47-50.
39. Weyand B, Kasper C, Reimers K, Israelowitz M, Gille C, **von Schroeder HP**, PM Vogt. Three-dimensional laminar low dynamic culture human adipose stem cells stimulate cell differentiation and extracellular matrix deposition. *European Cells and Materials*. 18 (Suppl 1):64.
40. Li R, Stewart DJ, **von Schroeder HP**, Mackinnon ES, Schemitsch EH. Effect of cell-based VEGF gene therapy on healing of a segmental bone defect. *Journal of Orthopaedic Research*. 2009: 27(1): pp 8-14.
41. Dutly-Guinand M, **von Schroeder HP**. Three-corner midcarpal arthrodesis and scaphoidectomy: a simplified volar approach. *Techniques in Hand and Upper Extremity Surgery*. 2009: 13(1): pp 54-8.
42. Zdero R, Olsen M, Elfatori S, Skriniskas T, Schemitsch E, Whyne C, **von Schroeder HP**. Linear and torsional mechanical characteristics of intact and reconstructed scapholunate ligaments. *J Biomech Eng*. 2009 Apr;131(4):041009
43. Zdero R, Olsen M, Elfatori S, Skriniskas T, Schemitsch E, Whyne C, **von Schroeder HP**. A biomechanical assessment of the coupling of torsion and tension in the human scapholunate ligament. *Proceedings of the Institution of Mechanical Engineers [H]*. 2008 Aug: 222(6): pp 907-914.
44. Qu G, **von Schroeder HP**. Trabecular microstructure at the human scaphoid nonunion. *Journal of Hand Surgery [Am]*. 2008: 33(5): pp 650-655.
45. Qu G, **von Schroeder HP**. The osteogenic potential of pseudoarthrosis tissue and bone from human scaphoid non-unions. *Journal of Hand Surgery (Eur)*. 2008: 33(4): pp 449-456.

46. Israelowitz M, Rizvi SWH, **von Schroeder HP**. Fluorescence of the Fire-Chaser Beetle *Melanophila Acuminata*. *Journal of Luminescence*. 126(1):149-153.
47. Leroux T, Perez-Ordóñez B, **von Schroeder HP**. Osteolysis following the use of a silicon-stabilized tricalcium phosphate-based bioceramic in a radius fracture. *Journal of Hand Surgery*. 2007: 32(4): pp 497-500.
48. Ochotny N, Van Vliet A, Chan N, Yao Y, Morel M, **von Schroeder HP**, Heersche JNM, Manolson MF. Effects of human  $\alpha 3$  and  $\alpha 4$  mutations that result in osteopetrosis and distal renal tubular acidosis on yeast V-ATPase expression and activity. *Journal of Biological Chemistry*. 2006: 281(Sep): pp 26102-11.
49. Qu G, **von Schroeder HP**. Role of osterix in endothelin-1-induced downregulation of vascular endothelial growth factor in osteoblastic cells. *Bone*. 2006: 38(Jan): pp 21-29.
50. Israelowitz M, Rizvi SW, Kramer J, **von Schroeder HP**. Computational modeling of type I collagen fibers to determine extra cellular matrix structure of connective tissues. *Protein Engineering, Design and Selection*. 2005: 18(July): pp 329-35.
51. Weyand B, **von Schroeder HP**. Bone challenges for the hand surgeon - from basic bone biology to future clinical applications. *Clinics in Plastic Surgery*. 2005: 32(Oct): pp 537-547.
52. Brull R, McCartney CJ, Chan VW, Abbas S, Nova H, **von Schroeder HP**, Katz J. Effect of transarterial axillary block versus general anesthesia on paresthesiae one year after hand surgery. *Anesthesiology*. 2005: 103: pp 1104-1105.
53. McCartney CJL, Brull R, Chan VWS, Katz J, Abbas S, Graham B, Nova H, Rawson R, Anastakis DJ, **von Schroeder HP**. Early but no long-term benefit of regional compared to general anesthesia for ambulatory hand surgery. *Anesthesiology*. 2004: 101(Feb): pp 461-467.
54. Veillette CJH, **von Schroeder HP**. Endothelin-1 down-regulates the expression of vascular endothelial growth factor-A associated with osteoprogenitor proliferation and differentiation. *Bone*. 2004: 34: pp 288-296.
55. Clark DL, **von Schroeder HP**. Scapholunate ligament injury: the natural history. *Canadian Journal of Surgery*. 2004: 47, No 4: pp 298-299.
56. **von Schroeder HP**, Scheker L. Redefining the arcade of Struthers. *Journal of Hand Surgery (A)*. 2003: 28(Nov.): pp 1018-1021.
57. **von Schroeder HP**, Veillette CJ, Payandeh J, Qureshi A, Heersche JNM. Endothelin-1 promotes osteoprogenitor proliferation and differentiation in fetal rat calvarial cell cultures. *Bone*. 2003: 33(Oct.): pp 673-684.
58. **von Schroeder HP**. Surgical management of osteoarthritis of the hand and wrist. *Geriatrics and Aging*. 2003: 6(Sept.): pp 16-19.
59. Sawyer RJ, **von Schroeder HP**. Temporary bilateral blindness after acute Lidocaine toxicity. *Anesthesia Analogue*. 2002: 95(July): pp 224-226.
60. **von Schroeder HP**, Botte MJ. The anatomy and functional significance of the long extensors to the fingers and thumb. *Clinical Orthopaedics and Related Research*. 2001: 383: pp 74-83.
61. **von Schroeder HP**, Kuiper SD, Botte MJ. Osseous anatomy of the scapula. *Clinical Orthopaedics and Related Research*. 2001: 383: pp 131-139.
62. **von Schroeder HP**, Botte MJ. The dorsal aponeurosis, intrinsic, hypothenar and thenar musculature of the hand. *Clinical Orthopaedics and Related Research*. 2001: 383: pp 97-107.
63. Meunier MJ, **von Schroeder HP**, Boyer MI. Subtotal palmar and digital fasciectomy for Dupuytren's contracture. *Atlas Hand Clinic*. 2000: 5: pp 1-18.
64. Boyer MI, **von Schroeder HP**, Axelrod TS. Vascularized interpositional bone graft for the treatment of carpal scaphoid nonunions with avascular necrosis of the proximal pole. *Journal of Hand Surgery*. 1998: 23(B): pp 686-690.

65. Scheker LR, **von Schroeder HP**. Dorsal stabilization of the distal radioulnar joint. *Techniques in Hand and Upper Extremity Surgery*. 1998: 2: pp 234-241.
66. **von Schroeder HP**, Botte MJ. Compartment syndrome and Volkmann's ischemic contracture of the upper extremity: definitions and terminology. *Hand Clinics*. 1998: 14: pp 331-334.
67. **von Schroeder HP**, Botte MJ. Crush syndrome of the upper extremity. *Hand Clinics*. 1998: 14: pp 451-456.
68. **von Schroeder HP**, Heersche JNM. Retinoic acid-responsiveness of cells and tissues in developing fetal limbs evaluated in a RAREhspLacZ transgenic mouse model. *Journal of Orthopaedic Research*. 1998: 16: pp 355-364.
69. Botte MJ, Abrams RA, **von Schroeder HP**, Mooney V. Heterotopic ossification in neuromuscular disorders. *Orthopaedics*. 1997: 20: pp 335-341.
70. Botte MJ, **von Schroeder HP**, Abrams RA, Gellman H. Recurrent carpal tunnel syndrome. *Occupational Health and Industrial Medicine*. 1997: 36: pp 123.
71. **von Schroeder HP**. The altruistic medical researcher: gone and forgotten? *Annals RCPSC*. 1997: 30: pp 353-358.
72. **von Schroeder HP**, Botte MJ. Carpal tunnel syndrome. *Occupational Health and Industrial Medicine*. 1997: 36: pp 123.
73. **von Schroeder HP**, Botte MJ. Functional anatomy of the extensor tendons of the digits. *Hand Clinics*. 1997: 13: pp 51-62.
74. Botte MJ, **von Schroeder HP**, Abrams RA, Gellman H. Recurrent carpal tunnel syndrome. *Hand Clinics*. 1996: 12: pp 731-743.
75. **von Schroeder HP**, Axelrod TS. Synovial osteochondromatosis of the distal radioulnar joint. *Journal of Hand Surgery*. 1996: 21(B): pp 30-32.
76. **von Schroeder HP**, Bell RS. *Pateurella multocida* osteomyelitis: presentation of an unusual case. *Canadian Journal of Infectious Diseases*. 1996: 7: pp 137-139.
77. **von Schroeder HP**, Botte MJ. Carpal tunnel syndrome. *Hand Clinics*. 1996: 12: pp 643-655.
78. **von Schroeder HP**, Smith DC, Gross AE, Pilliar RM, Kandel RA, Chernecky R, Lugowski SJ. Titanemia from total knee arthroplasty: a case resulting from a failed patellar component. *Journal of Arthroplasty*. 1996: 11: pp 620-625.
79. Connolly PJ, **von Schroeder HP**, Johnson GE, Kostuik JP. Adolescent idiopathic scoliosis: long term effect of instrumentation extending to the lumbar spine. *Journal of Bone Joint Surgery*. 1995: 77(A): pp 1210-1216.
80. **von Schroeder HP**, Botte MJ. Anatomy of the extensor tendons of the fingers: variations and multiplicity. *Journal of Hand Surgery*. 1995: 20(A): pp 26-34.
81. **von Schroeder HP**, Lyden PD, Coutts RD, Nickel, V. The practical assessment of gait parameters following stroke. *Journal of Rehabilitation, Research and Development*. 1995: 32: pp 25-31.
82. **von Schroeder HP**, Hashimoto Y, Heersche JNM. The effects of natural and synthetic retinoids on the differentiation of RCJ C5.18 chondrogenic cells. *Teratology*. 1994: 50: pp 54-62.
83. Piazza D, Ameli FM, **von Schroeder HP**, Lossing A. Nonastomatic pseudoaneurysm of expanded polytetrafluoroethylene axillofemoral bypass graft. *Journal of Vascular Surgery*. 1993: 17: pp 777-779.
84. **von Schroeder HP**, Ameli FM, Piazza D, Lossing AG. Ruptured Baker's cyst causes ecchymosis of the foot. *Journal of Bone and Joint Surgery*. 1993: 75(B): pp 316-317.
85. **von Schroeder HP**, Botte MJ. The functional significance of the long extensors and juncturae tendinum in finger extension. *Journal of Hand Surgery*. 1993: 18(A): pp 641-647.
86. Coutts RD, Woo SL-Y, Amiel D, **von Schroeder HP**, Kwan MK. Rib perichondrial autografts in full-thickness articular cartilage defects in rabbits. *Clinical Orthopaedics and Related Research*. 1992: 275: pp 263-273.

87. Botte MJ, Davis JLW, Rose HP, **von Schroeder HP**, Gellman H, Zinberg EM, Abrams RA. Complications of smooth pin fixation of fractures and dislocations in the hand and wrist. *Clinical Orthopaedics and Related Research*. 1992; 276: pp 194-201.
88. Botte MJ, **von Schroeder HP**, Gellman H, Cohen MS. Fracture of the trapezial ridge. *Clinical Orthopaedics and Related Research*. 1992; 276: pp 202-205.
89. **von Schroeder HP**, McDougall P. Ulceroglandular and pulmonary tularemia: A case resulting from a cat bite to the hand. *Journal of Hand Surgery*. 1992; 18(A): pp 132-134.
90. **von Schroeder HP**, Coutts RD, Billings E Jr, Mai M, Aratow M. The changes in intramuscular pressure and femoral vein flow with continuous passive motion, pneumatic compressive stockings and leg manipulations. *Clinical Orthopaedics and Related Research*. 1991; 226: pp 218-226.
91. **von Schroeder HP**, Kwan M, Amiel D, Coutts RD. The use of polylactic acid matrix and periosteal grafts for the reconstruction of rabbit knee articular defects. *Journal of Biomaterials Research*. 1991; 25: pp 329-339.
92. Botte MJ, Cohen MS, **von Schroeder HP**, Zinberg EM. Method of tendon labeling in forearm injuries (technique). *Journal of Hand Surgery*. 1990; 16(A): pp 763-764.
93. **von Schroeder HP**, Botte MJ. The extensor medii proprius and anomalous extensor tendons to the long finger. *Journal of Hand Surgery*. 1990; 16(A): pp 1141-1145.
94. **von Schroeder HP**, Botte MJ, Gellman H. Anatomy of the juncturae tendinum of the hand. *Journal of Hand Surgery*. 1990; 15(A): pp 595-602.
95. Billings E Jr, **von Schroeder HP**, Mai M, Aratow M, Amiel D, Woo SL-Y, Coutts RD. Cartilage resurfacing of the rabbit knee: The use of an allogeneic demineralized bone matrix-autogenic perichondrium composite implant. *Acta Orthopaedic Scandinavia*. 1990; 61: pp 201.
96. Botte MJ, Cohen MS, Lavernia CJ, **von Schroeder HP**, Gellman H, Zinberg EM. The dorsal branch of the ulnar nerve: An anatomic study. *Journal of Hand Surgery*. 1990; 15(A): pp 603-607.
97. **von Schroeder HP**, Nishimura E, Buchan AMJ, Wilson N, Ledsome JR. Autoradiographic localization of binding sites for atrial natriuretic factor. *Canadian Journal of Physiology and Pharmacology*. 1985; 63: pp 1373-1377.

## Books

Israelowitz, M., Weyand B., **von Schroeder HP**, Vogt, P., Reuter, M., Reimers-Fadhlaoui, K. (Eds.) *Biomimetics and Bionic Applications with Clinical Applications*. Springer 2021 (<http://www.springer.com/in/book/9783319532127>)

## Book Chapters

1. **von Schroeder HP**, Naraghi A. Imaging and Anatomy *In: The Grasping Hand*. (eds. Gupta A. Tamai M). Thieme Medical Publishing. New York 2021; Chapter 38, 441-461
2. Sarah Strauß, Meir Israelowitz, Birgit Weyand, Robert Müller, Henkel Thomas, Dirk Schüeller, René Uebe, Syed WH Rizvi, Christoph Gille, **Herbert P. von Schroeder**, Kerstein Reimers, Peter Vogt. Torsional magnetic angle for the *Magnetospirillum gryphiswaldense*. *In*. M. Israelowitz et al. editors. *Biomimetics and bionic applications with clinical applications*. Springer [Series in Bioengineering Vol. VIII], 2021; 47-60.
3. Birgit Weyand, Meir Israelowitz, Matthias Reuter, Sabine Bohlmann, Robert Wagner, Syed W H Rizvi, Christoph Gille, Kerstein Reimers, Peter Vogt, **Herbert P. von Schroeder**. Morphological study of the infrared pit sensor of the Python, Vipers and Boas. *In*. M. Israelowitz et al. editors. *Biomimetics and bionic applications with clinical applications*. Springer [Series in Bioengineering Vol. VIII], 2021; 81-106.

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4. Syed W H Rizvi, Birgit Weyand, Meir Israelowitz, Christoph Gille, Tomas Henkel, Vicente Muñoz-Sanjose, Matthias Reuter, Sabine Bohlmann, Kerstein Reimers, Peter Vogt, **Herbert P. von Schroeder**. Biomimetics Strategies for Noise. *In*. M. Israelowitz et al. editors. Biomimetics and bionic applications with clinical applications. Springer [Series in Bioengineering Vol. VIII], 2021;147-158.
5. Meir Israelowitz, Birgit Weyand, Sabine Bohlmann, James Kramer, Christoph Gille, Syed W.H. Rizvi W H, **Herbert P. von Schroeder**, Matthias Reuter. Neural Networks for Modeling Metabolic Pathways. *In*. M. Israelowitz et al. editors. Biomimetics and bionic applications with clinical applications. Springer [Series in Bioengineering Vol. VIII], 2021; 177-194.
6. Israelowitz M, Weyand B, Rizvi S WH, Gille C, **von Schroeder HP**. Protein modeling and surface folding by limiting the degrees of freedom. Geris L ed. Computational Modeling in Tissue Engineering 1:19-45, DOI: 10.1007/8415. 2012; 141.
7. Israelowitz M, Weyand B, Rivi S., Vogt P.M., **von Schroeder HP**. Development of laminar flow bioreactor by computational fluid dynamics. *In*: Chyu, M.C., et al. editors. Advances in Engineering in Surgery. Brentwood (United Kingdom); 2013. p. 343-364.
8. Weyand B, Israelowitz M, **von Schroeder HP**, Vogt PM. Fluid dynamics in bioreactor design: considerations for theoretical and practical approach. Advance Biochemical Engineering Biotechnol. 2009;251-68.

## 2. SCHOLARLY PUBLICATIONS

1. **von Schroeder H**. Carpal Tunnel Syndrome – Medical Discussion Paper. Workers Safety and Insurance Appeals Tribunal. Government of Ontario. September 2021. Published on-line January 2022. *Each medical discussion paper is written by a recognized expert in the field to present a balanced view of the current medical knowledge on the topic.*
2. **von Schroeder H**. Common Conditions of the Hand and Wrist – Medical Discussion Paper. Workers Safety and Insurance Appeals Tribunal. Government of Ontario. Accepted December 2022. *Each medical discussion paper is written by a recognized expert in the field to present a balanced view of the current medical knowledge on the topic.*

## 3. NON-PEER-REVIEWED PUBLICATIONS

### Journal Articles

1. **von Schroeder H**, Plewes L, McCabe S. Composite Hockey Sticks and Wrist Injuries: The ECU Tendon. Professional Hockey Athletic Therapists Society Bulletin, Summer 2021.
2. **von Schroeder, HP**. Wrist Arthritis: Scapholunate Advanced Collapse (SLAC). Hand & Wrist Horizons article. COA Bulletin, Spring 2021.
3. **von Schroeder, HP**. Electrodiagnosis of carpal tunnel syndrome. Journal of Evidence-based Healthcare. 2000: 4: pp 92. (Invited Review).

### Book Chapters

1. **von Schroeder HP**, et al. staff editors. TNMS Inc., Toronto Orthopedics. **Editor. Annually: 2008, 2012-2020.**
2. Cheng F, Farlinger C, Scott C, Garbens A, Oyewumi M, Gladwish A. (Hall J, Nousiainen M and **von Schroeder HP** Orthopaedics, eds). TNMS Inc., Toronto 2011.

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3. Bookman AAM, **von Schroeder HP**. The wrist and hand. In: Musculoskeletal examination and joint injection techniques, 2nd edition (Lawry, Kreder, Hawker, Jerome, eds). Saunders Elsevier, Toronto 2010.
4. Ferguson P, Kraemer W, Nousiainen M, **von Schroeder HP** (eds). Orthopaedics. In: The Toronto Notes TTNMS Inc., Toronto 2009: pp OR 1-44.
5. **von Schroeder HP**, et al. staff editors. TNMS Inc., Toronto Orthopedics. Editor. 2008.
6. Yathindra Y, Gerth S, Desai S, Howe K, Tsoi K, Ferguson P, **von Schroeder HP**. Orthopaedics. In: The Toronto Notes TTNMS Inc., Toronto 2007: pp OR 1-45.
7. Gammon B, Orner A, Sue S, Fung S, Metha B, Wang C, **von Schroeder HP**. Orthopaedics. In: The Toronto Notes TTNMS Inc., Toronto 2006: pp OR 1-45.
8. **von Schroeder HP**, Malempati H, Van Houwelingen A, Van Vliet A. Orthopaedics. In: The Toronto Notes Toronto Notes Medical Publishing, Toronto 2005: pp OR 1-44.
9. **von Schroeder HP**, Waddell J, Cheng O, Dilkas S, Golisky J. Orthopaedics. In: MCCQE 2004 Review Notes University of Toronto Press, Toronto 2004: pp OR 1-44.
10. **von Schroeder HP**, Belletruttu P, Stas V, Beuerlein M, Kogon M. Orthopaedics. In: MCCQE 2003 Review Notes University of Toronto Press, Toronto 2003: pp OR 1-44.
11. **von Schroeder HP**, Kuzyk P, Shekham M, Sidky A. Orthopaedics. In: MCCQE 2002 Review Notes University of Toronto Press, Toronto 2002: pp OR 1-42.
12. **von Schroeder HP**, Gilchrist A, Payandeh J, Tsai V, McInnes M. Orthopaedics. In: MCCQE 2001 Review Notes University of Toronto Press, Toronto 2001: pp OR 1-46.
13. Amiel D, **von Schroeder HP**, Akeson WH. The response of ligaments to stress deprivation and stress enhancement: Histological and biochemical studies. In: Knee Ligaments: Structure, Function, Injury and Repair (Daniel D, Akeson WH, O'Connor J, eds). Raven Press, Philadelphia 1989.

#### Letters to Editor

1. **von Schroeder, HP**. Redefining the arcade of Struthers. Journal of Hand Surgery. 2004: 29: pp 335.
2. **von Schroeder HP**. The altruistic medical researcher. The Annals of the Royal College. 1997: 30: pp 484-485.

#### Reports

3. **von Schroeder, HP**. Assessment and treatment of ulnar wrist pain. Audio-Digest Orthopaedics. 2007: 30(7).

#### 4. SUBMITTED AND ACTIVE PUBLICATIONS AND MANUSCRIPTS

##### Journal Articles

1. Persitz J, Essa A, Shor R, Matthies N-F, **von Schroeder HP**, Chan A, Paul, R. Intraoperative Detection of Screw Penetration Following Volar Plating of the Distal Radius: A Cadaveric Study Comparing Fluoroscopic Imaging and Ultrasound. Submitted: Injury Feb 2024
2. Paul R, Persitz J, Khan S, MacDougall M, **von Schroeder HP**, Chan A. The role of bone grafting in corrective osteotomy of dorsally angulated distal radius fracture malunions: A systematic review. J Hand Surgery (Euro) Submitted Jun 2023.

3. Baltzer H, Roy M, McMillan C, Novak CB, S.J. McCabe, P.A. Binhammer, **von Schroeder HP**. Mixed-Methods Assessment of Direct and Indirect Patient Costs Following Hand Trauma.
4. Qu, G, **von Schroeder HP**. Sequential Transient Over expression of Runx2 in fetal rat calvaria cells cooperatively increases and mineralized bone formation with dexamethasone treatment.

## D. Intellectual Property

### 1. PATENTS

#### Issued Patents

Israelowitz; Meir (Toronto, CA), **von Schroeder; Herbert Peter** (Toronto, CA), Rizvi; Syed (Lake Mary, FL), Holm; Chris (Wuppertal, DE), Gille; Christoph (Hohen Herrendorf, DE). Embedded crystal circuit for the detection of weak electrical and magnetic fields. US Patent No. 10,641,843. Issued May 5, 2020

Israelowitz; Meir (Toronto, CA), Weyand; Birgit (Hannover, DE), Vogt; Peter (Hannover, DE), Reimers; Kerstin (Hannover, DE), **von Schroeder, Herbert** (Toronto, CA), Gille; Christoph (Toronto, CA), Schmaelzlin; Elmar (Potsdam, DE). Process for producing three-dimensional tissue. US Patent 9,222,074. Issued December 29, 2015

Israelowitz; Meir (Toronto, CA), **von Schroeder; Herbert Peter** (Toronto, CA), Rizvi; Syed (Lake Mary, FL), Holm; Chris (Wuppertal, DE), Gille; Christoph (Hohen Herrendorf, DE). Laminar flow reactor. US Patent 9,057,044. Issued June 16, 2015

Gille C, Holmes C, Israelowitz M, Rizvi SWH, **von Schroeder HP**. Method to detect poor infrared rays, Microchip that is able to detect poor infrared rays and apparatus working with these microchips. EP2051303 - 05.07.2017

#### Patent Applications

Israelowitz; Meir; (Toronto, CA); von Schroeder; Herbert Peter; (Toronto, CA); Rizvi; Syed; (Lake Mary, FL); Holm; Chris Scott; (Wuppertal, DE); Gille; Christoph; (Hohen Herrendorf, DE). Microchip for the detection of weak electrical and magnetic fields. US Application No. 13/905564 (20190146042). May 16, 2019

Israelowitz; Meir; (Toronto, CA); von Schroeder; Herbert Peter; (Toronto, CA); Rizvi; Syed; (Lake Mary, FL); Holm; Chris; (Wuppertal, DE); Gille; Christoph; (Berlin, DE). Method for producing biomimetic-inspired infrared sensors from zinc phosphide microwires. US Application No. 14/272801 (20170062645). March 2, 2017

Israelowitz; Meir; (Toronto, CA); von Schroeder; Herbert Peter; (Toronto, CA); Rizvi; Syed; (Lake Mary, FL); Gille; Christoph; (Hohen Nenedorf, DE); Holm; Chris Scott; (Wuppertal, DE). Apparatus for the growth of artificial organic items, especially human or animal skin. US Application No. 12/655238 (20110159582). June 30, 2011

Israelowitz; Meir; (Toronto, CA); Holm; Chris Scott; (Wuppertal, DE); Rizvi; Syed; (Lake Mary, FL); von Schroeder; Herbert Peter; (Toronto, CA); Gille; Christoph; (Hohen Neuendorf, DE) Microchip for detection of poor sources of electrical and magnetic fields. US Application No. 12/383553 (20100244820). September 30, 2010

Israelowitz; Meir; (Toronto, CA); von Schroeder; Herbert Peter; (Toronto, CA); Holm; Chris; (Wuppertal, DE); Gille; Christoph; (Berlin, DE); Rizvi; Syed; (Lake Mary, FL). Method for producing a microchip that is able to detect infrared light with a semiconductor at room temperature. US Application No. 11/895800 (20090001491). January 1, 2009

von Schroeder, Herbert Peter; (Toronto, CA); Beard, Larry A.; (Mississauga, CA); Chen, Xianghai; (Toronto, CA). Nucleic acid braided J-probes. US Application No. 10/678726 (20050074781). April 7, 2005

## E. Presentations and Special Lectures

### 1. INTERNATIONAL

#### Invited Lectures and Presentations

- 2023 Oct 6      Invited Teacher. Total wrist arthroplasty – Cadaver Workshop – Smith + Nephew. ASSH, Toronto, Canada
- 2019 Sep 7      Invited Speaker. **HP von Schroeder**. How do you distinguish between a dysvascular scaphoid, an avascular scaphoid and avascular necrosis of the scaphoid? ASSH Post-course, Las Vegas, NV
- 2019 Sep 7      Invited Speaker. **HP von Schroeder**. How bad is nonunion of the scaphoid? ASSH Post-course, Las Vegas, NV
- 2019 Aug 13     Invited Speaker. **HP von Schroeder**. Examining and treating an injured climber's wrist. 2<sup>nd</sup> Canadian Climbing Medicine Symposium. Squamish, BC, Canada. August 12 – 14, 2019
- 2019 Aug 9      Invited Speaker. **HP von Schroeder**. Four Corner Fusion, and Course Instructor. Austin Texas
- 2019 July 31     Invited Speaker. **HP von Schroeder**. Five Lectures and Course Instructor. AO foundation Kuala Lumpur, Malaysia
- 2018 Mar 23     Invited Speaker: **HP von Schroeder**. The Wrist: A Practice-Guided Review. Cambridge Orthopaedic Club Annual Meeting. Cambridge UK.
- 2017 Jul 31      Invited Speaker. **HP von Schroeder**. Examining and treating an injured climber's wrist. Canadian Climbing Medicine Symposium. Toronto Canada. July 31 – Aug 1, 2017
- 2017 Jun 16      **Presenter**. Midcarpal instability. Annual Meeting of the Canadian Orthopaedic Assoc. Ottawa, ON  
Presenter: **HP von Schroeder**
- 2017 Jun 20      **Presenter**. Midcarpal instability. Annual Meeting of the Canadian Soc. Surgery Hand. Winnipeg, MB  
Presenter: **HP von Schroeder**
- 2017 May 12      **Presenter**. Perilunate injuries. British AO Society. Cambridge, England. Presenter: **HP von Schroeder**
- 2017 Jan 12      Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. Poster presented at the American Association for Hand Surgery Annual Meeting, Kona, Hawaii. Novak CB, Li Y, **von Schroeder HP**, Anastakis DJ, McCabe SJ. January 12, 2017.
- 2016 Sep 28      **Presenter**. Factors associated with unsuccessful return-to-work following work-related hand and wrist injury. 32<sup>nd</sup> Annual International Wrist Investigators Workshop. Austin, Texas, United States.  
Presenter(s): **HP von Schroeder**, B. Pratt, R Gandhi.
- 2016 Sep 28      **Presenter**. Utility of MRI, CT, and Ultrasound for Wrist Pain. 32<sup>nd</sup> Annual International Wrist Investigators Workshop. Austin, Texas, United States. Presenter(s): **HP von Schroeder**, S Dreckmann, HL Baltzer.

- 2016 Sep 18 **Presenter.** A Mixed-Methods Assessment of Patient Costs Following Hand Trauma. 69th Annual Meeting of the American Society for Surgery of the Hand. Boston, Massachusetts, United States. Presenter(s): H. Baltzer, M. Roy, C. McMillan, C. Novak, S. McCabe, **H. von Schroeder**.
- 2016 May 6 Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. Canadian Society for Hand Therapists Annual Meeting, Toronto, Ontario. Novak CB, Li Y, **von Schroeder HP**, Anastakis DJ, McCabe SJ. May 6, 2016
- 2016 Jan 14 Evaluation of Skin Temperature in Cold Sensitivity after Fracture. presented at the American Association for Hand Surgery Annual Meeting, Scottsdale, Arizona, Novak CB, Li Y, **von Schroeder HP**, Anastakis DJ, McCabe SJ January 14, 2016. (Poster).
- 2016 Jan 13 Stable Rates of Surgical Management for Distal Radius Fractures in Ontario: a 10-year Review. American Association for Hand Surgery. Scottsdale, Arizona, United States. Presenter(s): K Armstrong, **HP von Schroeder**, T Zhong, N Baxter, A Huang, SJ McCabe. January 13-16, 2016. (Poster).
- 2016 Jan 13 Epidemiology of distal radius fractures: a registry analysis containing >10 million patients per year in Ontario, Canada, 2004-2013. American Association for Hand Surgery, Annual Meeting. Scottsdale, Arizona, United States. Presenter(s): K Armstrong, **HP von Schroeder**, T Zhong, N Baxter, A Huang, SJ McCabe. January 13-16, 2016. (Poster).
- 2016 Jan 13 Stable Rates of Surgical Management for Distal Radius Fractures in Ontario: a 10-year Review. (Poster) American Association for Hand Surgery Annual Meeting. Scottsdale, Arizona, United States. Presenter(s): K Armstrong, **H von Schroeder**, T Zhong, N Baxter, A Huang, S McCabe.
- 2016 Jan 13 Epidemiology Of Distal Radius Fractures: A Registry Analysis Containing >1 . Million Patients Per Year In Ontario, Canada, 2004-2013. (Poster) American Association for Hand Surgery Annual Meeting. Scottsdale, Arizona, United States. Presenter(s): K Armstrong, **H von Schroeder**, T Zhong, N Baxter, A Huang, S McCabe.
- 2016 Jan 13 **Presenter.** Outcomes Following Scaphoid Non-union Reconstruction. (Oral Presentation) American Association for Hand Surgery Annual Meeting. Scottsdale, Arizona, United States. Presenter(s): M Williams, CB Novak, **HP von Schroeder**.
- 2015 Jan 21 **Presenter.** A Mixed-Methods Assessment of Patient Costs Following Hand Trauma. The 2015 AAHS Annual Meeting. Bahamas. Presenter(s): H. Baltzer, C. Novak, S. McCabe, M. Roy; P. Binhammer, C. McMillan, **H. von Schroeder**.
- 2014 Oct 9 **Presenter.** Non-invasive oxygen monitoring in three dimensional tissue cultures under static and dynamic culture conditions. 18th Annual Chirurgische Forschungstage. Hannover, Germany. Presenter(s): M. Noehre, B. Weyand, E. Schmaelzlin, M. Stolz, M. Israelowitz, C. Gille, **H.P. von Schroeder**, K. Reimers, R. M. Vogt. October 9-11, 2014.
- 2010 Sep 14 **Invited Speaker. HP von Schroeder.** Vascularized bone grafts for scaphoid fracture non-union. 12th Meeting of the Combined Orthopaedic Associations. Glasgow, Scotland.
- 2009 Aug 20 Bioreactor controlled shear stress environment promotes osteogenic differentiation of adipose stem cells - a way for bone reconstruction. European Plastic Surgery Research Council Inaugural Meeting. Hamburg, Germany. Aug 20, 2009 - Aug 23, 2009.
- 2008 Feb 1 **Invited Speaker.** The biology of scaphoid pseudoarthroses: towards innovative osteosynthesis. Brussels International Hands Symposium. Brussels, Belgium. Feb 1, 2008 - Feb 2, 2008.
- 2007 Mar 6 **Invited Speaker.** Does the scaphoid fracture non-union have the potential to heal? Pan Pacific Hand and Upper Limb Trauma Symposium. Queenstown, New Zealand. Mar 6, 2007 - Mar 9, 2007.
- 2005 Sep 25 **Invited Speaker.** Soft tissue coverage. American Society For Surgery of the Hand Annual Meeting. San Antonio, Texas.
- 2004 Jun 19 **Invited speaker.** Ulnar shortening osteotomy, Canadian Orthopaedic Association, Calgary AB

- 2000 Jun **Invited Guest.** Award presentation, North American Traveling Fellow. American Orthopaedic Association, 113th Annual Meeting. Hot Springs, Virginia.
- 1999 Oct Osteoblast Biology: What's New. North American Traveling Fellowship Presentations. Fifteen cities, Oct 1, 1999 - Oct 31, 1999.
- 1999 Oct Extensor Tendons: Form and Function. North American Traveling Fellowship Presentations. Fifteen cities, Oct 1, 1999 - Oct 31, 1999.
- 1999 Oct Vascularized Bone Grafts In the Hand. North American Traveling Fellowship Presentations. Fifteen cities, Oct 1, 1999 - Oct 31, 1999.
- 1999 Oct Mutilating Hand Injuries. North American Traveling Fellowship Presentations. Fifteen cities, Oct 1, 1999 - Oct 31, 1999.
- 1999 Oct Common Hand Injuries. North American Traveling Fellowship Presentations. Fifteen cities, Oct 1, 1999 - Oct 31, 1999.
- 1999 Jan Soft Tissue Coverage of the Fingers. American Association of Hand Surgeons, Annual Meeting. Kona, Hawaii.
- 1997 Oct Complex Hand Injuries. Orthopaedic Trauma Association. Louisville, Kentucky.
- 1994 Aug The Effects of Retinoids on Chondrogenesis. Smith & Nephew Richards, 12th Annual Orthopaedic Residents' Conference. Memphis, Tennessee.

### Presented Abstracts

- 2019 Jun 18 H Retrouvey, B Sander, HP. von Schroeder, P Binhammer, HL Baltzer. A Cost-Effectiveness Analysis of Motion Preserving Surgical Strategies for Wrist Arthritis. 14th IFSSH & 11th IFSHT Triennial Congress. June 17-21, 2019 Berlin Germany. Abstract number: IFSSH 19-15
- 2018 Sep 14 M. Roy et al K Okrainec, C B Novak, H P von Schroeder, D R Urbach, S J McCabe. Limited Health Literacy and High Decisional Conflict are Common in Patients with Dupuytren's. ASSH 73<sup>rd</sup> Annual Meeting in Boston, MA from September 13 - 15, 2018
- 2018 May 19 Roy M, Okrainec K, Novak C, Schroeder H, Urbach DR, McCabe SJ . Exploration of Predictors of Limited Health Literacy in Dupuytren's Patients. Poster presentation, Plastic Surgery Research Council (PSRC) 63<sup>rd</sup> Annual Meeting, Birmingham, Alabama.
- 2018 Jan 10 M Murphy, C Novak, H von Schroeder. Outcomes Following Reconstruction of Scapholunate Instability using Two Different Surgical Procedures. Submitted ASSH 73<sup>rd</sup> Annual Meeting, Boston MA, Sept 13-15 2018 (Abstract # 1853)
- 2018 Jan 10 M Roy, K Okrainec, C B Novak, H P von Schroeder, D R Urbach, S J McCabe. Health literacy in patients with Dupuytren's: A cross-sectional study. AAHS January 10-13, 2018 Phoenix AZ (poster)
- 2018 Jan 10 M Roy, K Okrainec, C B Novak, H P von Schroeder, D R Urbach, S J McCabe. Decisional conflict in patients with Dupuytren's: A cross-sectional study. AAHS January 10-13, 2018 Phoenix AZ (poster)
- 2018 Jan 10 K Zuo, HP von Schroeder, P Binhammer. Outcomes of combined tenolysis and proximal interphalangeal joint capsulotomy. AAHS January 10-13 2018 Phoenix AZ (presentation)
- 2017 Roy M, McCabe S, Okrainec K, Novak C, **von Schroeder H**, Urbach, D. One Third of Plastic and Surgical Patients Have Limited Health Literacy: A Systematic Review. American Society of Plastic Surgeons'

- Annual Meeting. October 6 - 10, 2017 in Orlando, Florida (podium presentation)
- 2017 MJ Murphy, CB Novak, **HP von Schroeder**. Outcomes following reconstruction of scapholunate instability using two different surgical procedures. 33<sup>rd</sup> International Wrist Investigators' Workshop Annual Meeting. San Francisco, CA. September 6, 2017 (podium)
- 2017 Dreckmann S, **von Schroeder H**, Novak C, Baltzer H. Utility of assessment using MRI, CT, and Ultrasound for chronic wrist pain. American Society for Surgery of the Hand 72<sup>nd</sup> Annual Meeting, San Francisco, CA. September 7-9, 2017 (poster)
- 2017 Yu M, **von Schroeder H**. "Uninformed" consent: what do patients recall from the surgical consent in elective hand surgery? A quality improvement initiative. American Society for Surgery of the Hand 72<sup>nd</sup> Annual Meeting, San Francisco, CA. September 7-9, 2017 (poster)
- 2017 Hayward V, Maqbool T, **von Schroeder H**, Baltzer H. Morbidity of Kirschner wires vs. internal fixation devices for partial wrist fusion. American Society for Surgery of the Hand 72<sup>nd</sup> Annual Meeting, San Francisco, CA. September 7-9, 2017 (poster)
- 2017 McMillan C, Yeung C, Anastakis D, Dvali L, **von Schroeder H**, Binhammer P. Impact of psychosocial factors and treatment choice on return to work in carpal tunnel syndrome. American Society for Surgery of the Hand 72<sup>nd</sup> Annual Meeting, San Francisco, CA. September 7-9, 2017 (poster)
- 2017 M Israelowitz, B Weyand, C Leiterer, I Slowik, T Henkel, W Fritzsche, M Herraiz-Llacer, M C Martinez-Tomas, V Muñoz-Sanjose, M Reuter, SWH Rizvi, C Gille, PM Vogt, **HP von Schroeder**. Biomimetic-inspired photo conduction of Zn3P2. IX International Scientific Conference in Chemistry KYIV-TOULOUSE (ICKT-9), June 4-9, 2017 Kyiv, Ukraine
- 2017 Jan 12 Novak C, Li Y, von Schroeder HP, McCabe S, Anastakis D. Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. AAHS Annual Meeting, Kona, Hawaii.
- 2016 M. Williams, C. Novak, **H.P. von Schroeder**. Outcomes Following Scaphoid Non-union Reconstruction, AAHS Annual Meeting, January 13-16, 2016 Scottsdale, Arizona.
- 2016 C. B. Novak, Y Li, **H. P. von Schroeder**, D.J. Anastakis, S. J. McCabe. Evaluation of skin temperature with cold exposure and warming conditions in patients with cold-induced pain after hand trauma. Australian and ASSH combined Hand Meeting 2016
- 2015 Jan 21 Baltzer H, Roy M, McMillan C. Novak CB, McCabe SJ, Binhammer PA, von Schroeder H. A mixed methods assessment of patient costs following hand trauma AAHA Annual Meeting Jan 21-24, 2015
- 2014 Non-invasive oxygen monitoring in three dimensional tissue cultures under static and dynamic culture conditions. Chirurgische Forschungstage 2014. Hannover, Germany. Presenter(s): Nohre M, Weyand B, Schmalzlin E, Stolz M, Israelowitz M, Gille C, **von Schroeder HP**, Reimers K, Vogt PM.
- 2013 Oct 2 Midcarpal Instability: Biomechanical and Clinical Outcomes. 29th Annual International Wrist Investigators Workshop. San Francisco, California, United States. **HP von Schroeder**.
- 2013 Apr 28 Factors associated with return-to-work following work-related upper extremity injuries. American Occupational Health Annual Conference. Orlando, Florida, United States. **HP von Schroeder**, R Gandhi, A Yak, S Wong.
- 2013 Feb 7 Biomimetic-inspired photo conductivity of Zn3P2. International Bio-Sensing Technology Conference. Sitges, Barcelona, Spain. Presenter(s): Weyand B, Israelowitz M, von Schroeder H.P., et al. May 12, 2013 - May 15, 2013 (Poster).
- 2012 Sep 13 Anwendung eines laser-basierten Sensors zur Echtzeit-Sauerstoffmessung in drei-dimensionalen Gewebekultren unter Perfusion. 43rd Annual Meeting of German Society of Plastic and Reconstructive

- Surgery. Bremen, Germany. Presenter(s): B Weyand, E Schmalzlin, M Stolz, M Israelowitz, C Gille, **HP von Schroeder**, K Reimers, PM Vogt.
- 2012 Sep 5 Applications of a laser sensor for real-time oxygen monitoring in three dimensional tissue cultures. TERMIS-EU Meeting. Vienna, Austria. Presenter(s): B Weyand, E Schmalzlin, M Stolz, M Israelowitz, C Gille, **HP von Schroeder**, K Reimers, PM Vogt.
- 2011 Jul Morphology and relationships of the lateral antebrachial cutaneous nerve. American Association of Clinical Anatomists Meeting. Columbus, Ohio. Ravichandiran, N, Baker, R, **von Schroeder, H**, Boyer, M, and Agur, A.
- 2010 Jun 13 Three-dimensional controlled fluid environment promotes osteogenic differentiation of mesenchymal stem cells. TERMIS\_EU Meeting. Galway, Ireland. Presenters: B Weyand, C Kasper, M Israelowitz, C Gille, **HP von Schroeder**, K Reimers, PM Vogt.
- 2009 Oct 8 Effect of shear stress on three-dimensional cell-growth, distribution and matrix deposition for substitutes in a laminar flow bioreactor. International Bone-Tec Conference. Hannover, Germany. Presenters: B Weyand, M Israelowitz, **HP von Schroeder**, C Kasper, K Reimers, PM Vogt.
- 2009 Aug 20 Bioreactor controlled shear stress environment promotes osteogenic differentiation of adipose stem cells - a way for bone reconstruction. European Plastic Surgery Research Council, 1<sup>st</sup> Annual Meeting. Hamburg, Germany. Weyand B, Israelowitz M, Giles C, **von Schroeder HP**, Kasper C, Reimers K, Vogt PM. (Poster Presentation) Aug 20, 2009 - Aug 23, 2009.
- 2009 Jun 29 Three-dimensional laminar flow dynamic culture of human adipose stem cells stimulates cell differentiation and extracellular matrix deposition. European Cell and Materials, 10th Congress. Davos, Switzerland. Weyand B, Kasper C, Israelowitz M, Gilles C, **von Schroeder HP**, Reimers K, Vogt PM. (Poster Presentation) Jun 29, 2009 - Jul 1, 2009.
- 2008 Nov 21 Laminar flow promotes mesenchymal stem cell differentiation on Sponceram carriers - new aspects for bone tissue engineering. German Society for Biomaterials, Annual Meeting. Hamburg, Germany. Weyand B, Kasper C, Israelowitz M, Gilles C, **von Schroeder HP**, Reimers K, Vogt PM. (Poster Presentation, Peer reviewed paper) Nov 20, 2008 - Nov 22, 2008.
- 2008 Nov 7 Growing bone substitute inside in a laminar low bioreactor. International Bone Tec Congress. Hannover, Germany. Presenter(s): B Weyand, M Israelowitz, C Gille, **HP von Schroeder**, K Reimers, PM Vogt.
- 2008 Oct 7 Laminar flow reactor for tissue engineering. Biotechnica Conference. Hannover, Germany. Presenter(s): B Weyand, M Israelowitz, C Gille, S Rizvi, **HP von Schroeder** C Kasper, T Scheper, J Zwicker, K Reimers, PM Vogt.
- 2008 Jun 5 A biomechanical assessment of the relationship between torsion and tension in the human scapholunate ligament. Combined Meeting of the American Orthopaedic Association and the Canadian Orthopaedic Association. Quebec City, Quebec. Zdero R, Olsen M, Elfatori S, Skrinkas T, Schemitsch EH, Whyne C, **von Schroeder HP**. (Peer reviewed paper).
- 2008 Jun 5 VEGF affects microarchitectural differences of fracture healing in various treatment periods. Combined Meeting of the American Orthopaedic Association and the Canadian Orthopaedic Association. Quebec City, Quebec. Li R, **von Schroeder HP**, Stewart DJ, Schemitsch EH. (Peer reviewed paper).
- 2007 Oct 20 Osteogenesis of scaphoid fracture nonunions. Orthopaedic Research Societies, 6th Combined Meeting. Honolulu, Hawaii. **von Schroeder HP**, Qu G. (Poster Presentation) Oct 20, 2007 - Oct 24, 2007.
- 2007 Feb 11 An approach using cell-based gene therapy in bone fracture. Orthopaedic Research Society, 53rd Annual Meeting. San Diego, California. Li R, Stewart DJ, **von Schroeder H**, Schemitsch E. (Poster Presentation) Feb 11, 2007 - Feb 19, 2007.
- 2007 Feb 11 Cell-based gene transfer to promote fracture healing. Orthopaedic Research Society, 53rd Annual Meeting. San Diego, California. Li R, Stewart DJ, **von Schroeder H**, Schemitsch E. (Poster Presentation) Feb 11, 2007 - Feb 19, 2007.

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- 2007 Feb 11 Evaluation of new bone formation and mineralization using Micro-CT. Orthopaedic Research Society, 53rd Annual Meeting. San Diego, California. Li R, **von Schroeder H**, Stewart DJ, Schemitsch E. (Poster Presentation) Feb 11, 2007 - Feb 19, 2007.
- 2007 Feb 11 Osteogenic potential of scaphoid fracture nonunions. Orthopaedic Research Society, 53rd Annual Meeting. San Diego, California. **von Schroeder HP**, Qu G. (Poster Presentation) Feb 11, 2007 - Feb 19, 2007.
- 2006 Nov 3 Three-corner midcarpal arthrodesis and scaphoidectomy: A new method via a palmar exposure. Swiss Society for Hand Surgery, 40th Annual Meeting. Luzern, Switzerland. Dutly M, **von Schroeder HP**. (Peer reviewed paper).
- 2006 May 22 Cell-based VEGF transfer to promote fracture healing. The 10th Conference of the International Society for Fracture Repair. Adelaide, Australia. Li R, Stewart D, **von Schroeder HP**, Schemitsch EH. (Peer reviewed paper, awarded best scientific paper of meeting).
- 2006 May 10 Modulation of VEGF isoform and receptors mRNA expression during osteoblast differentiation in a mono- and culture model with microvascular endothelial cells. European Symposium on Calcified Tissues, 33rd Annual Meeting. Prague, Czech Republic. Weyand B, **von Schroeder HP**. (Poster Presentation) May 10, 2006 - May 14, 2006.
- 2005 Jun 25 Role of endothelin-1 and VEGF in a culture model of microvascular endothelial cells and fetal rat calvarial cells. European Connective Tissue Society and International Bone and Mineral Society, 2nd Joint Meeting. Geneva, Switzerland. Weyand B, **von Schroeder HP**. (Poster Presentation) Jun 25, 2005 - Jun 29, 2005.
- 2004 Oct 24 Biomechanics of the dorsal wrist capsule. Meeting of the Combined Orthopaedic Associations, 11th Annual Meeting. Sydney, Australia. Payandeh J, McConnell A, Schemitsch E, **von Schroeder HP**. (Poster and Podium Presentation) Oct 24, 2004 - Oct 29, 2004.
- 2004 Oct Endothelin-1 and ETRA, via osterix, down-regulate VEGF in osteoblastic cells. American Society for Bone and Mineral Research, 26th Annual Meeting. Seattle, Washington. **von Schroeder HP**, Qu, G. (Poster).
- 2003 Apr Regional anesthesia versus general anesthesia for ambulatory hand surgery. American Society for Regional Anesthesia, 28th Annual Meeting. San Diego, California. Brull RT, **von Schroeder H**, Anastakis D, Graham B, Katz J, Chan VWS, Abbas SN, Rawson R, McCartney CJ. (Poster and Podium Presentation) (Study was chosen for the "Best of Meeting" award category and quoted in Anesthesiology News).
- 2003 Jan A new method for surgically treating midcarpal instability. American Association for Hand Surgery, 33rd Annual Meeting. Kauai, Hawaii. Presenter(s): **von Schroeder HP**. (Peer reviewed paper).
- 2002 Sep 22 Endothelin-1 modulates the expression of vascular endothelial growth factor associated with osteoprogenitor proliferation and differentiation. American Society for Bone and Mineral Research, 24th Annual Meeting. San Antonio, Texas. Veillette CJ, **von Schroeder HP**. (Poster).
- 2002 Jun Biofilm formation of methicillin-resistant Staphylococcus aureus on orthopaedic screws. International Association for Dental Research. San Diego, California. Bai KY, Li YH, Tang N, Cvitkovitch DG, **von Schroeder HP**. (Peer reviewed paper).
- 2002 Jun Dexamethasone depletes osteoblast progenitor cells in vertebral and femoral bone. Canadian Orthopaedic Research Society, Canadian Orthopaedic Association and American Orthopaedic Association Annual Mtgs. Victoria, British Columbia. **von Schroeder HP**, Bohacek L, Veillette CJ. (Peer reviewed paper).
- 2002 Jun Endothelin-1 stimulated osteoblastic differentiation but down regulated expression of the osteoblast specific transcription factor cbfa1. Canadian Orthopaedic Research Society, Canadian Orthopaedic Association and American Orthopaedic Association Annual Mtgs. Victoria, British Columbia. Veillette CJ, **von Schroeder HP**. (Peer reviewed paper).

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- 2002 Jun Microarray characterization of osteoblastic proliferation and differentiation induced by endothelin-1. Canadian Orthopaedic Research Society, Canadian Orthopaedic Association and American Orthopaedic Association Annual Mtgs. Victoria, British Columbia. **von Schroeder HP**, Qureshi A, Veillette CJ. (Peer reviewed paper).
- 2002 Mar Biofilm formation of methicillin-resistant Staphylococcus aureus on orthopaedic screws. International Association for Dental Research, 80th Annual Meeting. San Diego, California. Bai KY, Li YH, Tang N, **von Schroeder H**, Cvitkovitch DG. (Poster).
- 2002 Feb Osteoblastic differentiation induced by dexamethasone and endothelin-1 microarray analysis. Academy of Orthopaedic Surgeons, 69th Annual Meeting. Dallas, Texas. **von Schroeder HP**, Veillette CJ. (Poster).
- 2001 Oct 15 Microarray analysis of fetal calvarial cell differentiation induced by dexamethasone and endothelin-1. American Society for Bone and Mineral Research, 23rd Annual Meeting. Phoenix, Arizona. **von Schroeder HP**, Veillette CJ. (Poster).
- 2001 Oct Effect of endothelin-1 on osteoprogenitor proliferation and differentiation and on gene expression in cell populations from fetal rat calvaria. American Society for Bone and Mineral Research, 23rd Annual Meeting. Phoenix, Arizona. Veillette CJ, **von Schroeder HP**. (Poster).
- 2001 The ulnar nerve at the arcade of Struthers. Congress of the International Federation of Societies for Surgery of the Hand. Istanbul, Turkey. Presenter(s): **von Schroeder HP**. Proceedings of the IFSSH 2001: pp 259-262. (Principal Author).
- 2000 Sep Endothelin-1 stimulates fetal rat osteoblastic progenitors to proliferate and form bone nodules. American Society for Bone and Mineral Research, 22nd Annual Meeting. Toronto, Ontario. **von Schroeder HP**, Chen X, Heersche JNM. (Poster).
- 1999 Jan Soft tissue coverage of the fingers. American Association of Hand Surgeons. Kona, Hawaii. Presenter(s): **von Schroeder HP**. (Peer reviewed paper).
- 1998 Jan Vascularized pedicle bone graft for scaphoid nonunion and proximal pole AVN. American Association for Hand Surgery. Scottsdale, Arizona. Axelrod TS, **von Schroeder HP**, Boyer MI. (Peer reviewed paper).
- 1997 Sep Vascularized pedicle bone graft for scaphoid nonunion and proximal pole AVN. SIROT Annual Meeting. Haifa, Israel. Boyer MI, **von Schroeder HP**, Axelrod TS. (Peer reviewed paper).
- 1994 Sep Retinoic acid-responsive cells in the developing fetal limb skeleton evaluated in transgenic mice carrying a RAREhspLacZ reporter gene. American Society of Bone and Mineral Research, 16th Annual Meeting. Kansas City, Missouri. **von Schroeder HP**, Heersche JNM. (Poster).
- 1994 Aug The effects of retinoids on chondrogenesis: an in vitro model of teratogenicity. Smith & Nephew Richards 12th Annual Orthopaedic Residents' Conference. Memphis, Tennessee. Presenter(s): **von Schroeder, HP**. (Peer reviewed paper).
- 1994 Feb A comparison of the chondrogenic potentials of periosteum and perichondrium in vitro. Orthopaedic Research Society, 40th Annual Meeting. New Orleans, Louisiana. **von Schroeder HP**, Miura Y, Fitzsimmons JS, Commisso CN, O'Driscoll SW. (Poster).
- 1993 Oct Regression analysis of pain factors ten years following scoliosis surgery. North American Spine Society, 8th Annual Meeting. San Diego, California. Connolly PJ, Kostuik JP, **von Schroeder HP**, Johnson GE. (Peer reviewed paper).
- 1993 Sep Idiopathic adolescent scoliosis: a long term (minimum ten years) follow up following Harrington instrumentation into the lumbar spine. Scoliosis Research Society, 28th Annual Meeting. Dublin, Ireland. Connolly PJ, **von Schroeder HP**, Johnson GE, Kostuik JP. (Peer reviewed paper).
- 1993 Sep The effects of natural and synthetic retinoids on the differentiation of RCJ C5.18 chondrogenic cells. American Society of Bone and Mineral Research, 15th Annual Meeting. Tampa, Florida. **von Schroeder HP**, Hashimoto Y, Heersche JNM. (Poster).

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- 1993 Feb The functional significance of the long extensors and juncturae tendinum in finger extension. Orthopaedic Research Society, 39th Annual Meeting. San Francisco, California. **von Schroeder HP**, Botte MJ. (Poster).
- 1993 Jan Ruptured Baker's cyst: ecchymosis of the foot as a differential clinical sign. Rocky Mountain Traumatologic Society, Annual Meeting. Snowmass, Colorado. **von Schroeder HP**, Ameli FM, Piazza D, Lossing AG. (Peer reviewed paper).
- 1992 May Reconstruction of articular defects using a polylactic acid matrix and periosteal grafts. Western Connective Tissue Society Meeting. San Diego, California. Coutts RD, Amiel D, Hacker SA, Kwan M, **von Schroeder HP**. (Peer reviewed paper).
- 1992 Feb Sensibility of the normal adult foot. American Academy of Orthopaedic Surgeons, 59th Annual Meeting. Washington, District of Columbia. Botte MJ, **von Schroeder HP**, Miyoshi-Ma KE, Abrams RA, Garfin SR, Akeson WH. (Peer reviewed paper).
- 1991 Oct Reconstruction of rabbit knee articular defects with a polylactic acid matrix and periosteal grafts. Combined Meeting of the Orthopaedic Research Societies of USA, Japan, Canada. Banff, Alberta. Coutts RD, Amiel D, **von Schroeder HP**, Kwan M, Negri S. (Peer reviewed paper).
- 1991 Jul Long term (ten year) follow-up of idiopathic adult scoliosis. North American Spine Society, 6th Annual Meeting. Keystone, Colorado. Connolly PJ, Kostuik JP, **von Schroeder HP**. (Peer reviewed paper).
- 1991 Mar Late open reduction and internal fixation of malaligned phalangeal and metacarpal fractures. American Academy of Orthopaedic Surgeons, 58th Annual Meeting. Anaheim, California. **von Schroeder HP**, Botte MJ, Balourdas GM, Zinberg EM, Gagnon S. (Peer reviewed paper).
- 1991 Mar Venous thrombosis following hip surgery: studies with continuous passive motion and leg elevation. American Academy of Orthopaedic Surgeons, 58th Annual Meeting. Anaheim, California. Coutts RD, **von Schroeder HP**, Mahoney M, Santore RF. (Peer reviewed paper).
- 1990 Nov Sensibility of the normal adult foot. Orthopaedic Rehabilitation Association, 1st Annual Meeting. San Antonio, Texas. Botte MJ, **von Schroeder HP**, Miyoshi-Ma K, Garfin SR, Akeson WH. (Peer reviewed paper).
- 1990 Nov Complications of cast immobilization. Orthopaedic Trauma Association, 6th Annual meeting. Toronto, Ontario. Botte MJ, Byrne T, **von Schroeder HP**. (Poster).
- 1990 Nov Late ORIF of malaligned phalangeal and metacarpal fractures. Orthopaedic Trauma Association, 6th Annual meeting. Toronto, Ontario. **von Schroeder HP**, Botte MJ, Balourdas GM, Gagnon S. (Poster).
- 1990 Sep The extensor medii proprius and anomalous extensor tendons to the long finger. American Society Surgery of the Hand, 45th Annual meeting. Toronto, Ontario. **von Schroeder HP**, Botte MJ. (Poster).
- 1990 Jun The use of continuous passive motion for the rehabilitation of the lower extremity following stroke. 3rd International Symposium on the Rehabilitation of Brain Injured Patients. Anaheim, California. **von Schroeder HP**, Coutts RD, Lyden PD, Nickel V. (Peer reviewed paper).
- 1990 May The use of polylactic acid matrix and periosteal grafts for the reconstruction of rabbit knee articular defects. Society For Biomaterials. Charleston, South Carolina. **von Schroeder HP**, Kwan M, Amiel D, Coutts RD. (Peer reviewed paper).
- 1990 May Venous thrombosis following hip surgery: studies with continuous passive motion and leg elevation. The Girdlestone Orthopaedic Society. Stresa, Italy. Coutts RD, **von Schroeder HP**, Mahoney MT, Gustafson GA. (Peer reviewed paper).
- 1990 Mar The practical assessment of gait parameters following stroke. American Orthopaedic Association Residents' Conference. Newport Beach, California. **von Schroeder HP**, Coutts RD, Lyden PD, Nickel V. (Peer reviewed paper).
- 1990 Feb Anatomy of the dorsal branch of the ulnar nerve. American Academy of Orthopaedic Surgeons, 57th

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Annual Meeting. New Orleans, Louisiana. Cohen MS, Botte MJ, Lavernia CJ, **von Schroeder HP**, Gellman H, Zinberg EM. (Peer reviewed paper).

1990 Feb The use of continuous passive motion to affect lower limb function following stroke. 15th International Joint Conference on Stroke and Cerebral Circulation. Orlando, Florida. Lyden PD, **von Schroeder HP**, Coutts RD.

1990 Feb The use of demineralized bone and rib perichondrium composite grafts for the repair of full thickness articular defects. Orthopaedic Research Society, 36th Annual Meeting. New Orleans, Louisiana. **von Schroeder HP**, Billings Jr.E, Amiel D, Woo SL-Y, Harwood FL, Wayne J, Kwan M, Coutts, RD.

1989 Sep Late management of poorly aligned phalanx and metacarpal fractures. American Society For Surgery of the Hand, 44th Annual Meeting. Seattle, Washington. Balourdas GM, Botte MJ, **von Schroeder HP**, Zinberg EM.

1989 Feb The effect of continuous passive motion on muscle compartment pressure and femoral vein flow in the lower extremity. Orthopaedic Research Society, 35th Annual Meeting. Las Vegas, Nevada. Aratow M, Coutts RD, **von Schroeder HP**, Billings E Jr, Mai MT, Blevins FT, Crenshaw A, Hargens AR.

1988 Anatomy of the juncturae tendinum of the extensor tendons of the hand. American Academy of Orthopaedic Surgeons, 56th Annual meeting. Las Vegas, Nevada. **von Schroeder HP**, Botte MJ, Gellman H. (Poster).

1987 Anatomy of the juncturae tendinum of the extensor tendons of the hand. American Society For Surgery of the Hand, 43rd Annual meeting. Baltimore, Maryland. **von Schroeder HP**, Botte MJ, Gellman H. (Poster).

## Media

2022 Feb 18 Endoscopic carpal tunnel release. Interview with Daniel Cook, Editor-in-Chief/Editorial Director Outpatient Surgery Magazine, a Division of AORN, Inc.

## 2. NATIONAL

### Invited Lectures and Presentations

- 2023 Aug 7 **Invited Speaker.** The wrist at risk. Climbing Injuries. Canadian Climbing Medicine Symposium (Climbing Medicine Canada), Squamish BC. Aug 7-9
- 2023 Aug 7 **Invited Speaker.** Ulnar-sided wrist pain in climbers. Canadian Climbing Medicine Symposium (Climbing Medicine Canada), Squamish BC. Aug 7-9
- 2022 Mar 28 **Invited Speaker.** Total Wrist Arthroplasty. University of Ottawa & Ottawa Civic Hospital
- 2021 Oct 15 **Invited Speaker.** Total Wrist Arthroplasty. University of Montreal
- 2020 Nov 20 **Invited Speaker.** Scapholunate reconstructions. The Canadian Arthroscopy Meeting (Virtual)
- 2020 Jan 12 **Invited Speaker.** Ask the expert: total wrist arthroplasty. H. von Schroeder. Integra Life Sciences annual national meeting (Virtual) Toronto, ON
- 2018 Jun 21 **Invited Speaker.** Ten wrist secrets from an Orthopod. H. von Schroeder. CSSH Annual Meeting, Jasper AB
- 2016 May 7 **Invited Speaker.** Surgical management of carpal instability. Canadian Society of Hand Therapists.
- 2015 Jun 5 **Invited Speaker.** An educational intervention to improve splinting of common hand injuries. Canadian Society of Plastic Surgeons Annual Meeting. Victoria, British Columbia, Canada. Presenter(s): G. McEvenue, **H. P. von Schroeder**, F. Fitzpatrick.
- 2014 Jun 19 **Invited Speaker.** Comparison of tendon-derived stem cells and endothelial progenitor cells for tendon regeneration in a tendon-bone defect model. Canadian Orthopaedic Association 69th Annual Meeting and American Orthopaedic Association 127th Annual Meeting and Canadian Orthopaedic Research Society 48th Annual Meeting. Montreal, Canada. Presenter(s): Li R., Ogilvie-Harris D, Mahomed N, **von Schroeder HP**, Veillette C. podium presentation, peer reviewed.
- 2014 Jun 19 **Invited Speaker.** The effect of endothelial progenitor cells and mesenchymal stem cells on the repair of collagenase-induce tendon injury. Canadian Orthopaedic Association 69th Annual Meeting and American Orthopaedic Association 127th Annual Meeting and Canadian Orthopaedic Research Society 48th Annual Meeting. Montreal, Quebec, Canada. Presenter(s): Li R, Mahomed N, Ogilvie-Harris D, **von Schroeder HP**, Veillette C. podium presentation, peer reviewed.
- 2010 Apr 24 **Invited Speaker.** Scaphoid fractures and non-unions: controversies and state-of-the-art. Manus Canada Annual Meeting. Montreal, Quebec.
- 2008 Jun 7 **Invited Speaker.** Four-corner Arthrodesis of the Wrist. Canadian Orthopaedic Association. Quebec City, Quebec. (Instructional course lecture).
- 2007 Jun 2 **Invited Speaker.** Four corner fusion - tips and tricks. Canadian Orthopaedic Association and Manus Canada Annual Meeting. Halifax, Nova Scotia.
- 2007 May 31 **Invited Speaker.** Challenges associated with scaphoid fractures and non-unions. Hand Surgery Symposium. Halifax, Nova Scotia.
- 2007 Feb 10 **Invited Speaker.** Fracture and nonunions of the scaphoid. Quebec Orthopaedic Association, Annual

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Meeting. Chateau Mont Ste-Anne, Quebec.

- 2007 Feb 10 **Invited Speaker.** Ulnar-sided wrist pain: the TFCC and DRUJ. Quebec Orthopaedic Association Annual Meeting. Chateau Mont Ste-Anne, Quebec.
- 2005 Jun 17 **Invited Speaker.** Multimodal pain management and rehabilitation. Canadian Anesthesiologists' Society Annual Meeting. Vancouver, British Columbia. Jun 17, 2005 - Jun 19, 2005.
- 2001 Jun 3 Operative Treatment of Acute Scaphoid Fractures and Established Non-unions. Canadian Orthopaedic Association Annual Meeting. London, Ontario. (Instructional Course).
- 1999 Jul North American Traveling Fellow. Canadian Orthopaedic Association, 54th Annual Meeting. St. John's, Newfoundland.
- 1998 May Planning an Orthopaedic Career. Canadian Orthopaedic Residents' Association, 24th Annual Meeting. Vancouver, British Columbia.

### Presented Abstracts

- 2023 Jun 21 Lameire DL, Khalik HA, Paul RA, von Schroeder HP, Chan AHW. Partial Scapholunate Interosseous Ligament Injuries: A Systematic Review of Treatment Options. Canadian Orthopaedic Association Annual Meeting, Calgary, Alberta.
- 2023 Jun 24 Mousseau I, von Schroeder HP. Total wrist arthroplasty: the Canadian experience and success rate with fourth generation implants. Canadian Orthopaedic Association Annual Meeting, Calgary, Alberta.
- 2023 Jun 24 Paul RA, Persitz J, Kahn S, MacDougall M, Chan AHW, von Schroeder HP. The role of bone grafting in corrective osteotomy of dorsally angulated distal radius fracture malunions: a systematic review. Canadian Orthopaedic Association Annual Meeting, Calgary, Alberta.
- 2023 Jun 24 Persitz J, Shor R, Matthies NF, Kim C, von Schroeder HP, Chan AHW, Paul RA. Intraoperative imaging to detect occult penetration of screws after volar plating of distal radius fractures: a cadaveric study. Canadian Orthopaedic Association Annual Meeting, Calgary, Alberta.
- 2019 Jun 21 Chan AHW, von Schroeder HP. Five Questions on Total Wrist Arthroplasty: Perception, Barriers and Establishing a Canadian Database –WeCan (COA Annual Meeting) Montreal Quebec.
- 2019 Jun 27 H Retrouvey, B Sander, HP von Schroeder, P Binhammer, H Baltzer. A cost-effectiveness analysis of motion preserving surgical strategies for wrist arthritis. Canadian Society of Plastic Surgeons 73<sup>rd</sup> Annual Meeting in St. John's, Newfoundland.
- 2018 June 22 K Zuo, M Saggaf, H von Schroeder, P Binhammer. Outcomes of secondary combined proximal interphalangeal joint arthrolysis and zone II flexor tenolysis (Abstract #3236) 2018 CSPS Annual Meeting Jasper, Alberta.
- 2018 June 22 Roy M, Okrainec K, Novak C, Schroeder H, Urbach DR, McCabe SJ. Universal Precautions (Measures of Support) Are Needed: a Cross-Sectional Study of Health Literacy in Dupuytren's Patients. Poster presentation, Canadian Society of Plastic Surgeons (CSPS), Annual Meeting, Jasper, Alberta
- 2016 May 6 Novak C, Li Y, von Schroeder HP, McCabe S, Anastakis D. Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. Canadian Society for Hand Therapists Annual Meeting, Toronto, Ontario.
- 2014 Jun 24 Baltzer H, Roy M, Novak C, McCabe S, Binhammer P, **von Schroeder HP.** A mixed-methods assessment of direct and indirect patient costs following hand trauma. Canadian Society of Plastic Surgeons, 68th Annual Meeting. Montreal, Quebec, Canada. Award: Educational Foundation Award for the best Epidemiology & Biostatistics Presentation. Canadian Society of Plastic Surgeons, 68th Annual Meeting, Montreal Quebec June 24-28, 2014.
- 2013 Jun 1 M.A. Plant, C. Novak, **H. von Schroeder**, S. McCabe Can Smartphones Reduce Unnecessary Transfers?

- The Use of Smartphone Photography in Acute Hand Trauma Referrals. Canadian Society of Plastic Surgeons, 67th Annual Meeting. Calgary, Alberta, Canada.
- 2013 May 29 **HP von Schroeder**, A Yak, R Gandhi, S Wong. Factors associated with return to work following work related upper extremity injuries. Canadian Association of Physical Medicine & Rehabilitation. Montreal, Quebec, Canada. Presenter(s):
- 2010 Apr 23 Tarbhai, K, **von Schroeder HP**. Trigger finger treatment: a comparison of two splint designs. Combined Meeting of the Canadian Society for Surgery of the Hand, Manus Canada. Montreal, Quebec. (Poster presentation) Apr 23, 2010 - Apr 24, 2010.
- 2009 Jul 3 Li R, Stewart D, **von Schroeder HP**, Li C, Schemitsch EH. Tissues engineering with cell-based gene transfer in fracture repair. Canadian Orthopaedic Association, 64th Annual Meeting. Whistler, British Columbia. (Poster Presentation - "CORS top scoring posters") Jul 3, 2009 - Jul 6, 2009.
- 2007 Jun 1 Cell-based gene therapy to promote fracture healing. COA 62nd Annual Meeting and CORS 41st Annual Meeting. Halifax, Nova Scotia. Li R, Schemitsch EH, Stewart DJ, **von Schroeder HP**. (Peer reviewed paper).
- 2007 Jun 1 Feasibility of using cell-based gene transfer in a segmental defect model. COA 62nd Annual Meeting and CORS 41st Annual Meeting. Halifax, Nova Scotia. Li R, Schemitsch EH, Stewart DJ, **von Schroeder HP**. (Peer reviewed paper).
- 2007 Jun 1 Evaluation of new bone structure using Micro-CT. COA and CORS, 62nd Annual Meeting and 41st Annual Meeting. Halifax, Nova Scotia. Li R, Schemitsch EH, Stewart DJ, **von Schroeder HP**. (Poster Presentation) Jun 1, 2007 - Jun 2, 2007.
- 2005 Jun 3 Biomechanical testing of the dorsal wrist capsule. The Canadian Orthopaedic Association, 60th Annual Meeting. Montreal, Quebec. Payandeh J, McConnell A, Schemitsch E, **von Schroeder HP**. (Poster Presentation) Jun 3, 2005 - Jun 5, 2005.
- 2003 May 31 A new method for surgically treating midcarpal instability. Manus/Great Lakes Hand Meeting. Toronto, Ontario. Presenter(s): **von Schroeder HP**. (Meeting postponed re SARS).
- 2003 May 31 Complications from plaster immobilization of the hand and wrist. Manus/Great Lakes Hand Meeting. Toronto, Ontario. Townley J, **von Schroeder HP**. (Meeting postponed re SARS) (Peer reviewed paper).
- 2003 May 31 Ultrasound assessment of the dorsal scapholunate ligament with arthroscopic correlation. Manus/Great Lakes Hand Meeting. Toronto, Ontario. Layton Z, Lax M, **von Schroeder HP**. (Meeting postponed re SARS) (Peer reviewed paper).
- 2001 May The role of endothelin-1 in osteoprogenitor proliferation, differentiation and bone formation in cell populations from fetal rat calvaria. Canadian Connective Tissue Conference. Toronto, Ontario. Veillette CJ, **von Schroeder HP**. (Peer reviewed paper).
- 2001 May Microarray analysis of fetal rat calvarial cell differentiation induced by dexamethasone and endothelin-1. Canadian Connective Tissue Conference, 7th Annual Meeting. Toronto, Ontario. Veillette CJ, **von Schroeder HP**. (Poster).
- 2000 Jun Dynamic anatomy of the ulnar nerve at the arcade of Struthers. Manus Canada Annual Meeting. Edmonton, Alberta. Presenter(s): **von Schroeder HP**. (Peer reviewed paper).
- 2000 Jun Osteoblast differentiation is induced by endothelin-1. Canadian Orthopaedic Research Society, 33rd Annual Meeting. Edmonton, Alberta. **von Schroeder HP**, Chen X, Payandeh J, Heersche JNM. (Peer reviewed paper).
- 1997 May Vascularized bone graft for the treatment of carpal scaphoid nonunions with avascular necrosis of the proximal pole. Manus Canada Annual Meeting. Hamilton, Ontario. **von Schroeder HP**, Boyer MI, Axelrod TS. (Peer reviewed paper).
- 1997 May Vascularized pedicle bone graft for scaphoid nonunion and proximal pole AVN. Canadian Orthopaedic

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- Association, 31st Annual Meeting. Hamilton, Ontario. Boyer MI, Axelrod TS, **Von Schroeder HP**. (Peer reviewed paper).
- 1996 May Idiopathic adult scoliosis: outcome following spinal instrumentation and fusion (minimum ten year follow-up). Canadian Orthopaedic Residents' Association, 22nd Annual Meeting. Banff, Alberta. **von Schroeder HP**, Connolly PJ, Kostuik JP. (Peer reviewed paper).
- 1995 May Idiopathic adolescent scoliosis: outcome following Harrington instrumentation into the lumbar spine (minimum ten year follow-up). Canadian Orthopaedic Residents' Association, 21th Annual Meeting. Quebec City, Quebec. **von Schroeder HP**, Connolly PJ, Johnson GE, Kostuik JP. (Peer reviewed paper).
- 1994 Sep Evidence of altruism in research involving human subjects. The Royal College of Physicians and Surgeons of Canada, 63rd Annual Meeting. Toronto, Ontario. Presenter(s): **von Schroeder HP**. (Peer reviewed paper).
- 1994 May Retinoid-responsive tissues in the skeleton of the developing limb. Canadian Orthopaedic Residents' Association, 20th Annual Meeting. Kingston, Ontario. **von Schroeder HP**, Heersche JNM. (Peer reviewed paper).
- 1993 May The effects of natural and synthetic retinoids on the differentiation of RCJ C5.18 chondrogenic cells. Canadian Orthopaedic Residents' Association, 19th Annual Meeting. Saskatoon, Saskatchewan. **von Schroeder HP**, Hashimoto Y, Heersche JNM. (Peer reviewed paper).
- 1989 Sep Multiplicity of the extensor tendons of the fingers. American Society For Surgery of the Hand, 44th Annual meeting. Seattle, Washington. **von Schroeder HP**, Botte MJ. (Poster).

### Other Lectures and Presentations

- 2018 Jun 23 **Moderator**. Hand and Wrist Symposium, COA Annual Meeting, Victoria BC
- 2004 Jun 20 **Symposium**: A perspective on modern management techniques for distal radius fractures. Canadian Orthopaedic Association 59th Annual Meeting. Calgary, Alberta.
- 2004 Jun 19 **Instructional course lecture**. Surgical Treatment of Scaphoid Nonunions. Canadian Orthopaedic Association 59th Annual Meeting. Calgary, Alberta. ()
- 2004 Jun 19 **Moderator**. Ulnar Shortening Osteotomy, Live Surgery Demonstration. Canadian Orthopaedic Association 59th Annual Meeting. Calgary, Alberta.
- 2004 Jun 18 **Moderator**. Distal Radius Fracture Workshop. Canadian Orthopaedic Association 59th Annual Meeting. Calgary, Alberta.
- 2004 Jun 3 **Moderator**. Manus Canada Annual Meeting. Hamilton, Ontario.
- 2004 Apr 16 Presentation: Wrist pain and examination. Canadian Society of Medical Evaluators. Toronto, Ontario.

### 3. PROVINCIAL / REGIONAL

#### Invited Lectures and Presentations

- 2022 Jun 6 **Invited Speaker.** Carpal tunnel, de Quervains and Tendonitis. Workplace Safety and Insurance Appeals Tribunal Annual Professional Development Day. On-Line.
- 2021 Mar 29 **Invited Speaker.** The Wrist – Evolutionary superiority to biotech boost. MSK Course, University of Toronto
- 2021 Mar 29 **Invited Speaker.** Rock climbing and abuse of their hands – lessons. MSK Course, University of Toronto
- 2019 Nov 13 **Invited Speaker.** TIPs for harder-to-reach specialty consultations. SCOPE Primary Care series. Toronto ON
- 2019 Nov 12 **Invited Speaker.** How did I miss that? Hand and Wrist injuries and effective splinting in the ER. UHN Emergency Medicine Conference. Toronto ON
- 2017 Oct 20 Neuromas: wisdom of the crowd. Annual Marketlow Day. Toronto ON.
- 2017 Mar 7 The Trauma and the Teary: The Saga of Sports Wrist Injuries. University of Toronto Sports Medicine Rounds.
- 2016 Oct 14 Scaphoid challenges. 15th Annual Manktelow Lectureship. Toronto, Ontario, Canada.
- 2014 Oct 17 Flexor tendon injuries. Annual Marketlow Day. Toronto ON.
- 2012 Jun 18 **Invited Lecturer.** Carpal Instability. Canadian Orthopaedic Society Annual Meeting. Ottawa, Ontario, Canada. Dr. Herb von Schroeder. Instructional Course.
- 2009 Oct 17 Invited Speaker. Building a better bioreactor. Annual Marketlow Day. Toronto ON.
- 2008 Nov 18 **Invited Speaker.** Fractures, tendinopathies, neuropathies and crush injuries in the injured worker. Workers' Safety and Insurance Board Province Wide Lecture Series. Toronto, Ontario.
- 2008 Jul 23 **Invited Speaker.** Physical examination of the wrist. Rehabilitation Solutions. Mississauga, Ontario.
- 2008 May 17 **Invited Speaker.** Acute scaphoid fractures. Ottawa Wrist Course. Ottawa, Ontario. May 17, 2008 - May 18, 2008.
- 2008 May 17 **Invited Speaker.** Examination of the scaphoid. Ottawa Wrist Course. Ottawa, Ontario. May 17, 2008 - May 18, 2008.
- 2008 May 17 **Invited Speaker.** Midcarpal instability. Ottawa Wrist Course. Ottawa, Ontario. May 17, 2008 - May 18, 2008.
- 2008 May 17 **Invited Speaker.** Proximal row carpectomy. Ottawa Wrist Course. Ottawa, Ontario. May 17, 2008 - May 18, 2008.
- 2008 Jan 18 **Invited Speaker.** Examination of wrist. Sports Medicine 2008. Toronto, Ontario.
- 2006 Mar 13 **Invited Speaker.** Radius fractures. Nursing Academic Week. Toronto, Ontario.
- 2005 Nov 4 **Invited Speaker.** Bone substitutes and grafts for the radius and wrist. Stryker Science Symposium. Toronto, Ontario.
- 2004 Dec 4 **Course organizer and instructor.** Distal Radius Fixation. Trimed. Toronto, Ontario.
- 2004 Dec 1 **Invited Speaker.** Grand Rounds and Subspecialty day. Queen's University. Kingston, Ontario. (Continuing Education).
- 2014 Oct 17 **Invited Speaker.** Scaphoid. Annual Marketlow Day. Toronto ON.

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- 2001 Jun 3 **Invited Speaker.** Six-strand Tendon Repair. Manus and Great Lakes Hand Meetings. London, Ontario.
- 1999 Nov 10 **Invited Speaker.** Microsurgery: The Surgical Experience. Workplace Safety & Insurance Board, 2nd Annual Symposium. Toronto, Ontario.
- 1998 Mar Management of the Mutilated Upper Extremity. Kentuckiana Association of Hand Health Professionals, Ninth Annual Symposium. Louisville, Kentucky.

### Presented Abstracts

- 2018 Feb 2 K Armstrong, S. McCabe, H von Schroeder, T Zhong, N Baxter. The epidemiology and evolution of surgical treatment of distal radius fractures in Ontario, Canada: A population based retrospective cohort study (2004-2013). Division of Plastic and Reconstructive Surgery Research Symposium. Toronto ON
- 2017 Feb 24 Yu M, von Schroeder HP. "Un-informed" Consent: What do patients recall from the surgical consent in elective hand surgery? – A quality improvement initiative. Division of Plastic Surgery Annual Research Day. Toronto, Canada
- 2017 Feb 24 Dreckmann S, von Schroeder HP, Shafin J, Baltzer HL. Utility of Assessment using MRI, CT, and Ultrasound for Wrist Pain. Division of Plastic Surgery Annual Research Day. Toronto, Canada
- 2016 McEvenue G, FitzPatrick F, von Schroeder HP. An Educational Intervention to Improve Splinting of Common Hand Injuries. Journal of Emergency Medicine. Gallie Day. Dept. of Surgery, University of Toronto
- 2002 May 11 A new method of surgically treating midcarpal instability. 3rd Annual Great Lakes Hand Meeting. Hamilton, Ontario. Presenter(s): **von Schroeder HP.** (Peer reviewed paper).
- 2000 Mar 25 Dynamic anatomy of the ulnar nerve at the arcade of Struthers. Great Lakes Hand Meeting, 1st Annual Meeting. London, Ontario. **von Schroeder HP.** (Peer reviewed paper).

### Media Appearances

- 2009 Interview: Repetitive Strain Injury. City TV. Presenter(s): **von Schroeder, HP.**

### Other Lectures and Presentations

- 2005 Oct 14 The biomechanics of intact and repaired scapholunate ligaments undergoing linear and torsional motion. Great Lakes Hand Society. Toronto, Ontario.
- 2004 Mar 26 Journal Presentation. Hand Surgery Journal Club. Toronto, Ontario.
- 2003 Nov 26 BioFinance 2003. ABS Microarray Technologies. Toronto, Ontario.
- 1999 Feb 10 From bedside to bench with the osteoblast family. Inter-Hospital City Wide Rounds. Toronto, Ontario.

## 4. LOCAL

### Invited Lectures and Presentations

- 2021 Nov 5 **Presenter.** Hockey injuries to the Hand and Wrist – It's not just the TFCC. Dovigi Sports Medicine Group. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2021 Apr 12 **Presenter.** Utility of Specialized Imaging for Wrist Pain. CCC Sports Group. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2014 Feb 8 **Presenter.** Scaphoid Fractures. Upper Extremity Update. Toronto, Ontario, Canada. **HP von Schroeder.**

- 2013 Oct 18 **Presenter.** Ten things about SL Ligament and SLAC OA of the wrist. University of Toronto 12th Annual R. T. Manktelow Lecturship. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2013 Oct 18 **Presenter.** Midcarpal instability. University of Toronto 12th Annual R. T. Manktelow Lectureship. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2013 Jun 17 Preiser's Disease. 4th Annual Division of Orthopaedic Surgery University Fellowship Day. Toronto, Ontario, Canada. Presenter(s): T. Afolabi, **HP von Schroeder.**
- 2012 Oct 12 Factors associated with return-to-work following work-related upper extremity injuries. University of Toronto. Toronto, Ontario, Canada. Presenter(s): **HP von Schroeder**, A Yak, S Wong. 11th Annual Meeting University of Toronto Hand Program.
- 2012 Aug 24 **Invited Speaker.** Wrist and hand injuries in hockey. American Orthopaedic Soc Sports Med. Annual Meeting. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2012 May 5 **Invited Speaker.** Scaphoid fractures: why worry. Combined Meeting of Canadian Society of Hand Therapists and Canadian Society for Surgery of the Hand. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2012 May 5 **Invited Speaker.** Metacarpal fractures: indications for conservative versus surgical treatment. AO Hand and Wrist Fracture Management Workshop. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2012 May 5 **Invited Speaker.** Metacarpal fractures: exposures and techniques for fixation. AO Hand and Wrist Fracture Management Workshop. Toronto, Ontario, Canada. **HP von Schroeder.**
- 2010 Oct 10 **Invited Speaker.** Initial management of scaphoid fractures: factors that contribute to non-unions. 9th Annual Ralph Manktelow Day.
- 2009 Nov 6 **Invited Speaker.** Why does my hand hurt? OR Nursing Rounds. Toronto, Ontario. (Continuing Education).
- 2009 May 13 **Invited Speaker.** Chronic pain conditions. Doctors Demystify - Hand Surgery Course - Credit Valley Hospital. Mississauga, Ontario.
- 2009 May 13 **Invited Speaker.** Ulnar neuropathy. Doctors Demystify - Hand Surgery Course - Credit Valley Hospital. Mississauga, Ontario.
- 2009 May 7 **Invited Speaker.** Allied health teaching: hand surgery. CPD Academic Day. Toronto, Ontario.
- 2009 Apr 3 **Invited Speaker.** Acupuncture: Introduction and uses in the upper extremity. 25th Annual Upper Extremity Update. Toronto, Ontario.
- 2008 Apr 11 **Invited Speaker.** Hand injuries and risk factors associated with rock climbing. Upper Extremity Update. Toronto, Ontario.
- 2007 Oct 19 **Invited Speaker.** Hand injuries from rock and sport climbing. Manktelow Annual Lectureship. Toronto, Ontario.
- 2007 Mar 30 **Invited Speaker.** Ulnar-sided wrist pain. Upper Extremity Update. Toronto, Ontario.
- 2007 Mar 23 **Invited Speaker.** Care and Assessment of the Microsurgical Patient. Toronto Western Hospital. Toronto, Ontario.
- 2006 Oct 25 **Invited Speaker.** Case presentations and biology of scaphoid non-unions. Kennedy Day, University of Toronto, Division of Orthopaedics. Toronto, Ontario.
- 2006 Apr 21 **Invited Speaker.** Fractures of the distal radius. Crucial Elements in Hand Surgery. Toronto, Ontario.
- 2006 Apr 21 **Invited Speaker.** Osteoarthritis of the wrist and DRUJ. Crucial Elements in Hand Surgery. Toronto, Ontario.
- 2006 Apr 21 **Invited Speaker.** SL ligaments and DISI. Crucial Elements in Hand Surgery. Toronto, Ontario.

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- 2006 Feb 10 **Invited Speaker.** Wrist evaluation & carpal instability. Musculoskeletal Health and Arthritis Rounds. Toronto, Ontario.
- 2005 Apr 18 **Invited Speaker.** Scaphoid fracture non-unions: a biological perspective. Upper Extremity Update. Toronto, Ontario.
- 2002 Feb 26 **Invited Speaker.** Review of Orthopaedics. Bruce Tovee Lecture, University of Toronto, Faculty of Medicine. Toronto, Ontario.
- 2000 Oct 18 Microarray gene chip analysis. Faculty of Dentistry, University of Toronto. Toronto, Ontario.

### Presented Abstracts

- 2013 May 10 Landmarks for the Identification of the Lateral Antebrachial Cutaneous Nerve: Considerations for Biceps Tendon Repairs. Department of Surgery 39th Annual Gallie Day. Toronto, Ontario, Canada. W. Watts, J. Davies, K. Syed, **H. von Schroeder**, M. Boyer, A.M. Agur.
- 2013 Feb 22 **Supervisor.** Proximal interphalangeal joint replacement with surface replacement arthroplasty. Division of Plastic and Reconstructive Surgery Annual Research Day. Toronto, Ontario, Canada. Presenter(s): S Alqahtani.
- 2013 Feb 22 **Supervisor.** The use of Smartphone photography in acute upper limb trauma referrals. Division of Plastic and Reconstructive Surgery Annual Research Day. Toronto, Ontario, Canada. Presenter(s): M Plant.
- 2013 Feb 22 **Supervisor.** Relationship between psychosocial factors and patient reported upper extremity function. Division of Plastic and Reconstructive Surgery Annual Research Day. Toronto, Ontario, Canada. Presenter(s): H Cheng.
- 2013 Feb 22 **Supervisor.** An educational intervention to improve splinting of common hand injuries. Division of Plastic and Reconstructive Surgery Annual Research Day. Toronto, Ontario, Canada. Presenter(s): G. McEvenue.
- 2002 May 9 Endothelin-1 modulates the expression of vascular endothelial growth factor associated with osteoprogenitor proliferation and differentiation. Gallie Day. Toronto, Ontario. Veillette CJ, **von Schroeder HP.** (Poster).
- 1999 Apr Juncturae tendinum and extensor tendons: form and function. Upper Extremity Update, 15th Annual Meeting. Toronto, Ontario. Presenter(s): **von Schroeder HP.** (Peer reviewed paper).
- 1996 May Idiopathic adult scoliosis: outcome following spinal instrumentation and fusion (minimum ten year follow-up). Division of Orthopaedics Annual Kennedy Day. Toronto, Ontario. **von Schroeder HP**, Connolly PJ, Kostuik JP. (Peer reviewed paper).
- 1995 Apr Idiopathic adolescent scoliosis: outcome following Harrington instrumentation into the lumbar spine (minimum ten year follow-up). Division of Orthopaedics Annual Kennedy Day. Toronto, Ontario. **von Schroeder HP**, Connolly PJ, Johnson GE, Kostuik JP. (Peer reviewed paper).
- 1994 Oct The use of transgenic mice for the identification of retinoid-responsive tissues during fetal limb development. Annual Orthopaedic Research Day. Toronto, Ontario. Presenter(s): **von Schroeder HP.** (Peer reviewed paper).
- 1994 May Retinoic acid-responsiveness of cells and tissues in developing fetal limbs evaluated in a RAREhspLacZ transgenic mouse model. Institute of Medical Science Annual Scientific Day. Toronto, Ontario. **von Schroeder HP**, Heersche JNM. (Peer reviewed paper).
- 1993 Oct Retinoid-induced inhibition of chondrogenesis. Annual Orthopaedic Research Day. Toronto, Ontario. **von Schroeder HP**, Hashimoto Y, Heersche JNM. (Peer reviewed paper).
- 1993 May The effects of natural and synthetic retinoids on the differentiation of RCJ C5.18 chondrogenic cells. Institute of Medical Science Annual Scientific Day. Toronto, Ontario. **von Schroeder HP**, Hashimoto Y,

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Heersche JNM, Salter RB. (Peer reviewed paper).

1991 Apr The use of polylactic acid matrix and periosteal grafts for the reconstruction of rabbit knee articular defects. Gallie-Bateman Resident Research Day. Toronto, Ontario. **von Schroeder HP.** (Peer reviewed paper).

### Other Lectures and Presentations

- 2009 May 29 Why do broken scaphoids not heal? Professors' Rounds, Division of Plastic Surgery, University of Toronto. Toronto, Ontario.
- 2009 May 15 Microsurgery and complications of digit replantation. Annual microsurgical nursing course, Toronto Western Hospital. Toronto, Ontario.
- 2005 Mar 10 Review of Orthopaedics. Bruce Tovee Lecture, University of Toronto, Faculty of Medicine. Toronto, Ontario.
- 2004 Oct 15 Case presentations and review scaphoid non-unions. R.T. Manktelow 3rd Annual Hand Day. Toronto, Ontario.
- 2004 Apr 2 Carpal Instability. Upper Extremity Update, 20th Annual Meeting. Toronto, Ontario.
- 2004 Mar 26 Scapholunate ligament disruption. Hand Surgery Symposium. Toronto, Ontario.
- 2004 Mar 3 Review of Orthopaedics. Bruce Tovee Lecture, University of Toronto, Faculty of Medicine. Toronto, Ontario.
- 2004 Jan 23 What's New in the Bone? Division of Plastic Surgery, Professors' Rounds. Toronto, Ontario.
- 2003 Nov 21 Carpal instability. Advanced Hand and Wrist Rehabilitation Symposium, University of Toronto, Department of Rehabilitation. Toronto, Ontario.
- 2003 Nov 21 Wrist arthroscopy. Advanced Hand and Wrist Rehabilitation Symposium, University of Toronto, Department of Rehabilitation. Toronto, Ontario.
- 2003 Oct 20 Complications after microvascular and replantation surgery. Microsurgical Nursing Workshop, University of Toronto, Department of Nursing. Toronto, Ontario.
- 2003 May 26 Osteoblast - vascular interactions. Annual Orthopaedic Research Day. Toronto, Ontario.
- 2003 Apr 4 Pain and instability at the midcarpal joint. Upper Extremity Update, 19th Annual Meeting. Toronto, Ontario. (Cancelled re SARS outbreak).
- 2003 Feb 25 Review of Orthopaedics. Bruce Tovee Lecture, University of Toronto, Faculty of Medicine. Toronto, Ontario.
- 2002 Apr 22 Postoperative care of the microsurgical patient. Microsurgical Nursing Education. Toronto, Ontario.
- 2002 Jan 21 Wrist Examination and Mechanics. Toronto Western Hospital Hand Interest Group. Toronto, Ontario.
- 2001 Nov 16 Common hand problems in the emergency room and general practice: Examination and anesthesia of the hand. Workshop: University Hand Program. Toronto, Ontario.
- 2001 Nov 16 Common hand problems in the emergency room and general practice: Extensor tendon injuries. Workshop: University Hand Program. Toronto, Ontario.
- 2001 Oct 29 Care of the microsurgical patient postoperatively. Microsurgical Nursing Education. Toronto, Ontario.
- 2001 Apr 26 Excel and microarray data analysis. Faculty of Dentistry. Toronto, Ontario.
- 2001 Mar 27 Review of Orthopaedics. Bruce Tovee Lecture, University of Toronto, Faculty of Medicine. Toronto,

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Ontario.

- 2000 Oct 27 Bone cells: What is the basic science telling us about bone biology? Musculoskeletal Health and Arthritis Program, Toronto Western Hospital, University Health Network. Toronto, Ontario.
- 2000 Jul 10 Microsurgery Patients. Nursing Education Series. Toronto, Ontario.
- 2000 May 26 Osteoblast and osteoclast biology: can PCR eliminate PRC? Division of Plastic Surgery, Professors' Rounds. Toronto, Ontario.
- 1999 Nov 17 The NATF tour summary: Status of hand and upper extremity surgery in North America. Toronto Western Hospital, Educational Rounds. Toronto, Ontario.
- 1999 May Interaction between osteoblasts and endothelial cells. Gallie Day, Department of Surgery. Toronto, Ontario.
- 1999 Mar Juncturae tendinum and extensor tendons: form and function. Upper Extremity Update, 15th Annual Meeting. Toronto, Ontario.
- 1998 Dec Therapy for severe hand injuries. Department of Physiotherapy. Toronto, Ontario.

## 5. OTHER

### Invited Lectures and Presentations

- 2012 Sep 13 **Invited Lecturer.** Application of a laser-based sensor for real-time oxygen monitoring in three-dimensional tissue cultures. German Society of Plastic, Reconstructive and Aesthetic Surgeons 43rd Annual Meeting. Bremen, Germany. Presenter(s): B. Weyand, E. Schmäzlin, M. Stolz, M. Israelowitz, C. Gille, **H.P. von Schroeder**, K. Reimers, P. M. Vogt.
- 2012 Sep 5 **Invited Speaker.** Application of a laser-based sensor for real-time oxygen monitoring in three-dimensional tissue cultures. 3rd TERMIS World Congress. Vienna, Austria. Presenter(s): B. Weyand, E. Schmäzlin, M. Stolz, M. Israelowitz, C. Gille, **H.P. von Schroeder**, K. Reimers, P. M. Vogt. Tissue Engineering and Regenerative Medicine.

### Presented Abstracts

- 2002 Sep 22 Elucidating differences between large and small osteoclasts using the RAW 264.7 mouse macrophage cell line as a model system. American Society for Bone and Mineral Research, 24th Annual Meeting. San Antonio, Texas. MF Manolson, K Li, **HP von Schroeder**, S Shorey, D Chandra. (Poster).

### On-Line

- 2020 May 22 Virtual assessment tools: Wrist Rapid Assessment Physical (WRAP). Altum Health Communications. Y. Hao and **H. von Schroeder**.

## F. Teaching and Design

- 2022 Mar Total wrist and small joint arthroplasty - Lecturer and Instructor – Ottawa ON
- 2020 Jan History and Physical Exam for Hand and Wrist Patients. Altum Health.
- 2019 Nov Invited Speaker and Course Instructor. Arthrex Hand and Wrist: Behind the Innovation. Seven lectures and Cadaver lab. Mississauga, ON.
- 2019 Nov Total wrist and small joint arthroplasty - Lecturer and Instructor – London ON

2019 Oct	Total wrist and small joint arthroplasty - Lecturer and Instructor – Calgary AB
2019 Aug	AO Course – Lecturer and Instructor – Kuala Lumpur, Malaysia
2019 Aug	Complex Wrist Course – Lecturer and Instructor – Austin TX
2017 Sept	Total wrist arthroplasty – Instructor – ASSH 72 <sup>nd</sup> Annual Meeting, San Francisco, CA. September 7-9, 2017
2014 Jul 23	Tendon repairs & amputations, Postgraduate MD, Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery, University of Toronto <i>Surgical Skills Bootcamp</i> .
2014 Mar	Office Management (Orthopaedic & Plastic Residents), Faculty of Medicine, Dept of Surgery, Orthopaedic Surgery, University of Toronto ( <i>Responsible for major design of course</i> ).
2011 Jun	Knot tying and suturing (Year IV), Undergraduate MD, Faculty of Medicine, Dept of Surgery, University of Toronto 2011 Apr 18 OSCE Examination (Year IV), Undergraduate MD, Faculty of Medicine, Dept of Surgery, University of Toronto
2011 Mar 25	Orthopaedic Resident (OP Day) (Year IV), Undergraduate MD, Faculty of Medicine, Dept of Surgery, University of Toronto
2010 Jul	Knot tying and suturing (Year IV), Undergraduate MD, Faculty of Medicine, Dept of Surgery, University of Toronto
2003 Jun 2	Distal radius CME Workshop, Continuing Education <i>Course Organizer (Responsible for major design of course)</i> .
2003 May 31	Great Lakes Annual Meeting, Toronto, Continuing Education <i>Meeting Organizer (Responsible for major design of course)</i> .
2003 May 31	Manus Canada Annual Meeting, Toronto, Continuing Education <i>Meeting Organizer (Responsible for major design of course)</i> .
2002 Jun	Examination Questions, Royal College of Surgeons of Canada, Ottawa, Ontario
2001 Nov 16	Common Hand Problems in the Office and Emergency Department, Continuing Education <i>A one day lecture series dealing with hand problems commonly seen in the primary care practice and the emergency room. Six lecturers and interactive sessions. (Responsible for major design of course)</i> .
2001 Sep 15	Small Joint Arthroplasty in the Hand, Continuing Education <i>A lecture series and hands-on cadaver workshop for Plastic and Orthopaedic Surgeons and Residents on the design and use of MCP and PIP joint replacements in the hand. Two invited guest speakers. A concomitant session was held for hand therapists. (Responsible for major design of course)</i> .
2001 Jul	Examination Questions, Royal College of Surgeons of Canada, Ottawa, Ontario

## G. Clinical and Research Supervision

### Undergraduate Education - Research

2006	<b>Supervisor.</b> Timothy Leroux.
2005	<b>Supervisor.</b> Aaron Van Vliet.
2004 Jul	<b>Supervisor.</b> Orthopaedic Surgery Resident. Payandeh, Jubin.
2004 Jan - 2004 Nov	<b>Supervisor.</b> Orthopaedic Surgery Resident. Nourhosseini, Hamid.
2003 Oct - 2003 Dec	<b>Supervisor.</b> Orthopaedic Surgery Resident. Al-Nuaimi, Salem.

### Graduate Education

2016-2018	<b>Supervisor.</b> Plastic Surgery Resident. M. Roy (Award: Natural Sciences and Engineering Research Council of Canada (NSERC). Graduate Scholarship Master's Award. 2017-2018 (12 months). \$17,500)
2013	<b>Supervisor.</b> Plastic Surgery Resident. Giancarlo McEvenue.
2013	<b>Supervisor.</b> Plastic Surgery Resident. Homan Chang.
2013	<b>Supervisor.</b> Plastic Surgery Resident. Saad Alquahtani.
2013	<b>Supervisor.</b> Orthopaedic Surgery Resident. Kevin Ko.
2013	<b>Supervisor.</b> Orthopaedic Surgery Resident. King Wong.
2003	<b>Supervisor.</b> MSc. Christian Villette, MD.

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2000 - 2002 **Supervisor.** MSc. Veillette, Christian MD. Awards: Recipient of Arthritis Society CIHR Fellowship.

### Undergraduate MD

2004 Jul - 2005 Jun **Supervisor.** Van Vliet, Aaron.  
2004 Jul - 2005 Jun **Supervisor.** Backstein, Richard.  
2004 Jul - 2005 Jun **Supervisor.** Ma, Tian.  
2003 Jul - 2004 Jun **Supervisor.** Bonta, Mark.  
2002 Jul - 2003 Jun **Supervisor.** Van Vliet, Aaron.  
2002 Jun - 2002 Aug **Supervisor.** Year 2. Bai, Karen.  
2002 Jun - 2002 Aug **Supervisor.** Year 2. Chan, Nelson.  
2001 Jun - 2001 Aug **Supervisor.** Year 2. Bai, Karen.  
2001 Jun - 2001 Aug **Supervisor.** Year 2. Qureshi, Alia. Awards: CIHR Burroughs Wellcome Research Award.  
2001 Jun - 2001 Aug **Supervisor.** Year 2. Bohacek, Linda. Awards: Rx&D Health Research Foundation Award.  
1998 Jun - 1998 Aug **Supervisor.** Year 2. Payandeh, Jubin.

### Postgraduate MD

2022/2023 **Supervisor.** Fellows: J. Persitz, A. Alhujari, E. Lorquet  
2021/22 **Supervisor.** Fellows: S. Spano, C. Baxter  
2020/21 **Supervisor.** Fellows: J. Truong, D. Demsey, H.  
2017/18 **Supervisor.** Fellows: S. Lalonde, M. Murphy, R. Wolek, T. Maxwell  
2017 **Supervisor.** Fellows: J. Piggott, W. Almajidt, J. Almadani  
2016 **Supervisor.** Fellows: M. Wendt, J. Silvanathan, S. Dao  
2015 **Supervisor.** Fellow: R. Ahluwalia  
2013 **Supervisor.** Fellow: Jiang Zhang  
2013 **Supervisor.** Fellow: Tola Afolabi  
2013 **Supervisor.** Fellow: Maha Najarajan  
2012 Jul - 2013 Jun **Supervisor.** Research Scientist: Ru Li  
2009 **Supervisor.** Fellow: T. Jepeganam  
2008 **Supervisor.** Fellow. M. Duitly-Guinand  
2004 - 2006 **Supervisor.** Fellow. Birgit Weyand  
1999 **Supervisor.** Fellow. Hossein Mehdian

### Postdoctoral Research Fellow

2004 - 2006 **Primary Supervisor.** Weyand, Birgit.

### Other

2003 **Supervisor.** David Clark.  
2003 **Supervisor.** Adrian Chojnowski.

### Graduate Education

2018 - present **Plastic and Orthopaedic Surgery Residents** (min. 8 annually)  
2017 **Plastic Surgery Residents.** Kevin Zao, Stephanie Dreckmann  
2016 **Plastic Surgery Residents.** Victoria Hayward, Monica Yu  
2015 **Plastic Surgery Residents.** G. McEvenue, J.M. Hendry  
2013 **Plastic Surgery Resident.** Heather Baltzer.

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2013 **Plastic Surgery Resident.** Matthew Plant.

**Program Advisor**

2022 – 2023

**Preceptor:** Isabel Lam, MScPT, BSc .– *Advanced Clinician Practitioner in Arthritis Care*

2006 - 2007

**Clinical Advisor:** Irina Voronov. -*Translational thesis - School of Graduate Studies.*

2001 - 2003

**Program Advisor (MSc):** Corey Goldberg, MD. - *School of Graduate Studies*