Journal Publications
19) Gelines JJ, Faber KJ, Patterson SD, King GJW: Effectiveness of Turnbuckle Splinting for Elbow Contractures, JBJS(B) 82:74-78,1999.
Book Chapters

Scientific Presentations


15) Bailey C, MacDermid J, Patterson SD, King GJW. Outcome of plate fixation of olecranon fractures. American Shoulder and elbow surgeons 15th Annual Open Meeting, February 1999, Anaheim, California, USA.

16) Dunning CE, Lindsay CS, Bicknell RT, Patterson SD, Johnson JA, King GJW. Brachioradialis load and forearm position affect the stability of distal radius fractures. 45th Annual Meeting Orthopaedic Research Society, February 1999, Anaheim, California, USA.


22) Bailey C, MacDermid J, Patterson SD, King GJW. Outcome of plate fixation of olecranon fractures. 54th Annual Meeting, Canadian Orthopaedic Association July 1999, St. John’s, Nfld, Canada.

23) Hildebrand KA, Patterson SD, Richards RS, Ross DC, Roth JH, King GJW, MacDermid JC. Dorsal Perilunate fracture dislocations: a multidisciplinary evaluation. 54th Annual Meeting, Canadian Orthopaedic Association July 1999, St. John’s, Nfld, Canada.


26) Hildebrand KA, Patterson SD, King GJW. Functional outcome of semiconstrained total elbow arthroplasty. 54th Annual Meeting, Canadian Orthopaedic Association July 1999, St. John’s, Nfld, Canada.


30) Hildebrand KA, Patterson SD, King GJW. Functional outcome of semiconstrained total elbow arthroplasty. American Society for Surgery of the Hand 54th Annual Meeting, September 1999, Boston, MA, USA.


32) Dunning CE, Lindsay CS, Bicknell RT, Patterson SD, Johnson JA, King GJW. Brachioradialis load and forearm position affect the stability of distal radius fractures. American Society for Surgery of the Hand 54th Annual Meeting, September 1999, Boston, MA, USA.

33) Moro JK, Werier J, Patterson SD, MacDermid JC, King GJW. Outcome of radial head arthroplasty in acute radial head fractures. 54th Annual Meeting, Canadian Orthopaedic Association July 1999, St. John’s, Nfld, Canada.


American Society of Hand Therapists, September 17, 1999, Orlando, Florida.

36) MacDermid JC, Richards RS, Roth JH: Baseline predictors of patient rated pain and disability six-months after a distal radius fracture. 54th Annual Meeting, Canadian Orthopaedic Association July 1999, St. John’s, Nfld, Canada.


Abstracts Published


Invited Lectures


12) MacDermid JC. Outcome Assessment: Patient Rating of Wrist Pain and Disability. Surgery and


17) King GJW. Fracture dislocation of the elbow with related elbow instability. 54th Annual Meeting, Canadian Orthopaedic Association, St. John’s, Nfld, Canada, July 1999.

18) King GJW. Arthroscopic evaluation and treatment of wrist instability and the distal radial ulnar joint. 54th Annual Meeting, Canadian Orthopaedic Association, St. John’s, Nfld, Canada, July 1999.


Courses Organized, Review Board Memberships and Visiting Professorships
1) Ross DC. Grant Application Reviewer. Medical Research Council of Canada.
2) Ross DC. Grant Application Reviewer. Physicians Services Incorporated Foundation.
4) Gan BS. Member ASPRS Reconstructive Surgery Scientific Meeting Committee
5) Gan BS. Member National Board of Medical Examiners, PSEF Hand Subcommittee
6) King GJW. Grant Application Reviewer. Medical Research Council of Canada.
7) King GJW. Grant Application Reviewer. Canadian Arthritis Society
8) King GJW. Grant Application Reviewer. Physicians Services Incorporated Foundation.
17) MacDermid JC. Journal of Hand Therapy Guest Editor: Special Issue on Outcomes
18) MacDermid JC. International Journal for Quality in Health Care (Guest reviewer)
19) MacDermid JC. Journal of Hand Therapy (Reviewer and Editorial Board Member)
23) Roth JH. Senate Committee. University of Western Ontario.
24) Roth JH. Member Editorial Board. Journal of Advances in Orthopaedics.
26) Gan BS. Grant Application Reviewer. Ontario Research and Development Challenge Fund.
27) Gan BS. Member South Western Ontario Pressure Sore Prevention and Treatment Guideline Panel

Grants Received

1) Agency-Summer Research Training Program-Faculty of Medicine University of Western Ontario
Grant Period-June 1999-September 2000
Topic-Development of a novel experimental model for the study of fibroblast migration in wound healing
Amount-$8096.
Investigator-B Chan
Co-investigator BS Gan

2) Agency-Summer Research Training Program-Faculty of Medicine University of Western Ontario
Grant Period-June 1999-September 2000
Topic-The effects of Vasocare treatment on wound healing
Amount-$8096.
Investigator- BS Gan

3) Agency-Summer Research Training Program-Faculty of Medicine University of
Western Ontario
Grant Period-June 1999-September 2000
Topic-Analysis of extracellular matrix composition in patients with multidirectional shoulder instability
Amount-$8096.
Investigator- KJ Faber

4) Agency-Summer Research Training Program-Faculty of Medicine University of Western Ontario
Grant Period-June 1999-September 2000
Topic- Identification of the sensory nerve supply to the transverse rectus abdominus myocutaneous free flap
Amount-$8096.
Investigator- DC Ross

5) Agency-Summer Research Training Program-Faculty of Medicine University of Western Ontario
Grant Period-June 1999-September 2000
Topic- Complications after distal radius fracture :risk and effect on outcome
Amount-$8096.
Investigator- JH Roth
Co-investigator-JC MacDermid

6) Agency-American Society for Surgery of the Hand
Grant Period-July 1999-July 2001
Topic- The role of injury and patient characteristics in determining outcome after distal radius fracture.
Amount-$15225.00
Investigator- JC MacDermid
Co-investigator-JH Roth

7) Agency-American Society for Surgery of the Hand
Grant Period-July 1999-July 2001
8) Agency- LRI Pooled Research Trust Funds
Grant Period-1999-2000
Topic- The use of fluorescent deconvolutional microscopy in wound healing studies.
Amount-$7500
Investigator- BS Gan
Co-Investigator- JC Howard

9) Agency- Non peer Reviewed-Dupont-Merck Pharma
Grant Period- 1999-2000
Topic-Multicentre trial comparing Pentaspan vs Albumen in major reconstructive surgery
Amount -$33,000
Investigators- DCRoss, BS Gan, HB Lampe, TW Matthews, J Yoo, J Parkin

10) Agency- Non peer Reviewed-VasoGen, Inc.
Grant Period- 1999
Topic-Wound Healing Studies
Amount -$10,000
Investigators- BS Gan, JC Howard, L Dagnino

11) Agency-Canadian Arthritis Network
Grant Period- 1999-2000
Topic-Development of a load cell to measure tibio-femoral joint forces intraoperatively in total knee arthroplasty
Amount -$23,000
Investigators- DG Chess,JA Johnson, GJW King

12) Agency- Lawson Research Institute Pooled Research Trust Funds
Grant Period-1999
Topic- In-vitro vicoelastic behaviour of ligaments: effect of test environment
Amount-$7500
Investigator- GJW King

13) Agency-Medical Research Council
Grant Period- 1997-2000
Topic-Kinematics and stabilizers of the elbow
Amount -$42593.00 per year (162,988 Total)
Investigator- GJW King
Collaborators- J Johnson

14) Agency- Lawson Research Institute Noelle Sue Grainger Fund
Grant Period-1999-2000
Topic- The effect of radial head fracture size on radiocapitellar joint stability
Amount-$3380
Investigator- GJW King

15) Agency- Lawson Research Institute Pooled Research Trust Funds
Grant Period-1999-2000
Topic-Development of a load cell to measure joint forces during total knee arthroplasty
Amount-$7500
Investigator- J Johnson
Collaborators- DG Chess, GJW King

16) Agency-The Canadian Foundation for Innovation
Grant Period-1999-2001
Topic- Multi user-Infrasrtructure for biomedical engineering
Amount-Multi User-$1,670,000 Total

17) Agency-Canadian Arthritis Network
Grant Period- 1999-2000
Topic-In-vitro quantification of wrist and forearm kinematics using an upper limb joint simulator.
Amount -$23,000
Investigator- GJW King
Collaborators- DG Chess, JA Johnson

18) Agency- Non peer Reviewed-Wright Medical
Grant Period- 1999-2000
Topic-Prospective Clinical trial comparing Iliac crest bone graft to bone graft substitute in the treatment of distal radius fractures,
Amount -$26000
Investigators- Faber KJ, Beingessner D, King GJW, Gan BS, Ross D

19) Agency-Doris Anderson Fund for Geriatric Research
Grant Period- 1999-2000
Topic-Identification and characterization of protein biomarkers for Dupuytren’s Disease
Amount -$21229.00
Investigators- Gan BS, Howard JC

20) Agency-Imperial Oil Fund for Geriatric Medicine
Grant Period- 1999-2000
Topic-Use of Lacobacillus as a probiotic agent in wound infection.
Amount -$3118.00
Investigators- Gan BS, Howard JC

21) Agency-Pearl Laird Fund for Diabetic Research
Grant Period- 1999-2000
Topic-Biochemical and cellular aspects of electrical field stimulation using a diabetic mouse model of chronic wounds.
Amount -$3755.00
Investigators- Houghton P, Gan BS, Howard JC
22) Agency-Natural Sciences and Engineering Research Council  
Grant Period- 1999-2000  
Topic-Role of Lactobacillus in the prevention of infection of wounds and implantable surgical devices.  
Amount -$207,131.00  
Investigators- Reid G, Gan BS  

23) Agency-Kidney Foundation  
Grant Period- 1999-2000  
Topic-A novel method to reduce the risk of infection of urinary prostheses.  
Amount -$100,000.00  
Investigators- Reid G, Denstedt J, Gan BS, Howard JC.  

Awards  
1) Faber KJ- J.C. Kennedy Award  
The effect of immobilization on radiofrequency heat treated rabbit patellar tendon  
Sport Med fn The Ontario Medical Association  
Toronto, ON  
January 30,1999