JUN 2021

# CURRJCULUM VITAE

NAME: TAD L. GERLTNGE R, M.D

Colo nel, Medical Corps, US Army, Retired Midwest Orthopaedics at Rush

1611 W. Harrison St.. Suite 300

Chicago, IL, 60612

Office (312) 432-2429

Fax: (708) 409-5179

Email: Tad.Ge [rlinger@rushortho.com](mailto:rlinger@rushortho.com)

# EDUCATION

1986-1990

1990-1994

1994-1995

1997-2001

2004-2005

B.S., United States Military Academy

M.D., Uniformed Services University of the Health Sciences Internship, Tripler Army Medical Center

Residency in Orthopaedic Surgery, Madigan Army Medical Center Fellowship in Adult Reconstruction, Rush University Medical Center

# CURRENT PROFESSIONAL POSITIONS

2008-13 Program Director, Orthopaedic Surgery Residency , San Antonio Military Medical Center 2005-14 Chief, Adult Reconstruction , San Antonio Military Medical Center

2004-13 Assistant Professor of Surgery, Uniforn 1ed Services University of the Health Sciences 2013- Associate Professor of Surgery, Uniformed Services Universi ty of the Health Sciences 2014-19 Assistant Professor. Rush Universi ty

2019- Associate Professor, Rush University

20 I 6-18 Co-Director, Adult Reconstruction Fellowship , Rush University Medical Center 2018- Dire ctor, Adult Reconstructive Fellowsh ip , Rush University Medical Center 2019 - Member, Board of Directors, Rush Oak Brook Surgery Center

2021- Member, Manageme nt Committee. Midwest Orthopaedic s at Rush

# BOARD CERTIFICATION

2003 American Board of Orthopaedic Surgery

2012 Recertificat io n, American Board of Orthopaedic Surgery

# MEDICAL LICENSURE

|  |  |
| --- | --- |
| 1995-2005 | North Carolina #950 I 250(inactive) |
| 2004- | Il linois #036-1 11139 |
| 2006-16 | Texas #M4089(inactive) |
| 2008-14 | West Virginia #2311 l(inactive) |

HONORS/AWA RDS

1985 Eagle Scout

1986-90 Dean' s List, USMA

1987-90 Superintendent ' s Award, USMA

1992 USUHS Sanford Trophy for Airborne Excellence 1994 Intern Class President

1995 Flight Surgeon Course, Distinguished Honor Graduate (# I in class of 30) 1996 Navy Undersea Medicine Course

J 996 Expert Field Medical Badge

1996 Jumpmastcr School, Honor Graduate (# I in class of 50) 1997 Army Commendation Medal

1999 Below Zone Promotion to Major, US Army ( I of 6 promoted one year ahead of peers) 2000 Orthopaedic Resident Research Award, MAMC

2000 Madigan Research Day Award Winner

2002 Bronze Star Medal, for meritorious achievement in combat

2002 Combat Medical Badge (Afghanistan' 02 and Iraq'03), care of combat casualties under fire 2003 Joint Service Commendation Medal (2 awards)

2004 Meritorious Service Medal

2004 Air Medal, for meritoriou s achievement during casualty air evacuation mission in hostile ten itory 2009 Order of Military Medical Merit

2010 Surgeon General' s ' A' Proficiency Designator, equivalent to Professorship

20 IO Below Zone Promotion to Colonel. US Army ( I of 2 promoted one year ahead of peers) 20I I Army Commendation Medal

201 I Ridder, Den Blodrnde Bondasjes Orden - Knight, Order of the Blood Red Bandage(Norway), for actions perfonned in the care of Norwegian combat casua lties , Afghanistan

2013 Military Outstanding Volunteer Service Medal 2014 Legion of Merit

2014 USU Alumni Association Military Medicine Award

2017 American Academy of Orthopaedic Surgeons Achievement Award

# PREVIOUS PROFESSIONAL POSITIONS

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| --- | --- |
| 1995-1997 | Battalion Surgeon/Medical Platoon Leader/Flight Surgeon, 528 th Spec ial Operations |
|  | Support Bn (ABN) |
| 2001- 2004 | Chief, Orthopaedic Clinic , Womack Army Medical Center |
| 2001 | Orthopaedic Surgeon, Task Force Falcon, Operation Joint Guardian, Kosovo |
| 2001- 2002 | Orthopaedic Surgeon, 274th Forward Surgical Team(ABN) , Operation Enduring |
|  | Freedom, Afghanistan |
| 2003 | Orthopaedic Surgeon, Joint Special Operations Task Force, Operation Iraqi Freedom |
| 2011 | Orthopaedic Surgeon, 936th Forward Surgical Team. Operation Enduring Freedom (11), |
|  | Afghanistan |

PROFESSIONAL SOCIETIES:

2000- Society of Military OrthopaedicSurgeons Member, 2000

Board of Directo rs, 2005-17 2nd Vice President, 2009-10

Ist Vice President, 20I0-2011 President, 2011-2012

2004- American Academy of Orthopaedic Surgeons

Fellow, 2004

Representative , Board of Specialty Societies, 2006-2011 Education Committee, 2009-2011

Consultant, International Committee Disaste r Preparedness Project Team, 2012 - Central Instructional Course Committee, 2013-18

Chair, 2015 -16

Education Track Committee Member, 2015-17 20 I0- American Orthopaedic Association

2010-14 Texas Medical Association

20 I0-14 Bexar County Medical Society

20 I 0-14 San Antonio Orthopaedic Society

2013- American Association of Hip and Knee Surgeons, Fellow

# EDITORJAL ACTIVITIES:

2010-

20 11-

201 l

2013-

2019-

Reviewer, *Milita 1J' Medicine*

Founding Co-Editor, Disaster Preparedness Toolbox, Wheelessonline.com Special Issue Editor , *Journal ofS11rgica/ Orthopaedic Advances,* Spring, 2011 Reviewer , *Journal o/ Arth roplasty*

Revie wer, .Journal of Knee Surgery

# OTHER PROFESSIONAL ACTIVITIES:

2008-12 Joint Service Graduate Medical Education Selection Board

|  |  |
| --- | --- |
| 2008- 13 | Graduate Medical Education Committee (GMEC), San Antonio Unifo rn1ed Services Health Education Consortiu m(SAUSHEC) |
| 2009 | Invited Attendee, Stakeholder Meeting, Congressionally Directed Medical Research Program, Peer-Reviewed Orthopaedic Research Program |

2009-13 Seminar Director, George Omer Annual Research Day

20 I 0-13 Scientist Reviewer, Congressionally Directed Medical Research Program, Peer-Reviewed Orthopaedic Research Program

2011-14 Program Director, SOMOS/AAOS/OTA Disaster Response Course

2012-16 Consultant, AAOS International Committee Disaster Preparedness Project Team

20 l 3 Session Moderator, 2013 AAOS/OTA/SOMOS/ORS Extremity War Inj uries VIII: Sequelae of Combat Injuries

2013-16 Member, Surgical Management of Osteoarthritis of the Knee Work Group, AAOS 2013-18 Central Instructional Course Committee. AAOS

2018 ABOS Blueprint Advisory Committee , Practice-Profiled Recertification Examination in Adult Reconstruction

# INVITED EXTRAMURAL PRESENTATIONS

I . **Gcrlingcr T.** Hospital and ASC: Not Frenemics - Balancing a Successful Partnership. Total Joint Arthroplasty in the Ambulatory Setting Meeting. Chicago , November 4, 2019.

1. Della Valle C, Nam D, **Gcrlingcr T,** Hannon C, Culvern C. Education Increases Disposal of Unused Opioids after Total Joint Arthroplasty: A Randomized Controlled Trial. AAHKS Annual Meeting 2019.
2. Della Valle C, Nam D, **Gerlinger T,** Hannon C, Culvern C. Large Opioid Prescriptions are Unnecessary after Total Joint Arthroplasty: A Randomized Controlled Trial. MAOA annual conference 2019.
3. **Gcrlingcr T.** Fixed Bearing UK.A. 11•h Annua l Emily Berend Adult Reconstruction Symposium, Duke University Medical Center, 26 April 27, 2019.
4. **Gcrlinger T.** Pat ie nt Engagem ent Tools. 11,1i Annual Emily Berend Adult Reconstruct ion Symposiu m, Duke Uni versity Medical Center, 26 April 27, 2019.
5. **Gcrlingcr T,** Berend K, Berger R, Lonner J. ICL 142: Partial Knee Arthroplasty: Sta te of the Art. AAOS Annual Mee ting 2019 .
6. Hannon CP, Calkins TE, Li .J, C ulve rn C, DarTith B, Nam D. **Gcrlingcr TL,** Della Valle CJ. Large Opioid Prescriptio ns are Unnecessary after Total Joint Arthroplasty: A Randomized Controlled Trial. AAOS Annua l Meeting 2019.
7. Tetr ea ult M, Li J, Edmiston T. Nam D, **Gcrlinger T.** Della Valle *C,* Levine B. Are Postoperative Hip Precautio ns Necessary After a Total Hip Arthro plasty via the Posterio r Ap pro ach?

Pre liminar y Res ults of A Prospective Rando mized Trial. AAOS Annual Meeting 2019.

1. Bohl DD, Li J, Calkins T, Darrith B, Edmiston TA, Nam D, **Gerlinger TL.** Levine B,R

Della

Valle CJ. Physical Therapy on Postoperative Day O Fo llow ing To ta l Knee Arthropla sty: A Randomized Controlled Trial of394 patients. AAHKS Annua l Meeting 20 l 8.

l 0. Hannon CP, Calkins TE, Li .J, C ulvern C , Darrith B, Nam D, **Gcrlinger TL,** Della Valle CJ. Large Opioid Prescriptions are Unnecessary after Total Joint Arthroplasty : A Randomized Controlled Trial. AAHKS Ann ual Meeting 2018. Rand Young Investigator Award Winner.

11 . **Gcrlinger T.** Berend K, Berger R, Lonner J. ICL 302: Partia l Knee Arthroplasty: Sta te of the Art.

AAOS Annual Meeting, New Or lea ns, 20 l 8.

1. Campbell **K,** Louie P, Bohl D, Edmis to n T, Levine B, **Gerlinger T.** A Novel Automa ted Text­ Messag ing Bot is Effective in Patients Undergoing Total Joint Artlu oplasty: A Pro spectiv e Randomized Control Trial. AAOS Annual Meeting, New Orleans, 20 18.
2. Courtney P, Edmiston T, Pflederer C, Levine B , **Gerlinger T.** Is There Any Role for Direct Repa ir of Extensor Mechanism Disruptio n Follow ing Total Knee Arthrnplasty? AAOS Annual Meeting, New Orleans , 2018.
3. **Gerlinger T.** Outpatient Arthroplasty - How to get Home the Same Day. Arab Health 2018 , Dubai
4. **Gerlingcr T.** Outpati ent Arthroplas ty - What's New in Arthroplasty: Early Therap y. Pain Pathways , and Rapid Recovery. Arab Health 2018 , D ubai
5. . **Gerlinger T.** Preparing to Take Care of Civilians. Soci ety of Military Orthopaedic Surgeons Annual Meeting, December 2017.
6. **Gcrlinger T.** Eme rgency Management of Limb Trauma - Lesso ns Learned from Recent Disas ters. San Antonio Orthopaed ic Society Meeting, February 2013.
7. **Gcrlinger T.** Emergency Management of Limb Trauma - Lessons Learned from Recen t Disasters . Aus tralian Orthopaed ic Associat ion Ammal Meetin g, 2012.
8. **Gerlinger T.** Trauma Systems and Training: US Military Perspec tive. Austra lia n Orthopaedic Assoc iatio n Annua l Meeting, 2012 .
9. **Gerlingcr T.** American Disaster Tra ining. Soc iety of Military Orthopa edic Surgeo ns, Australian Orthopaed ic Associat ion Annua l Meeting. 2012 .
10. **Gcrlinger.** Berrey, Co vey, Hayda , Provencher. Disas ter Response Orthopaedics: Pea rls from Frontline. Sy mposiu m Mode rator, American Academ y of Orthopaedic Surgeons Annual Meeting, 2012 .
11. Grogan, **Gcrlingcr.** Use Of A Cryopneumatic Thera py Device In Primary Total KJ1ee

A rtlu·oplasty: Int er im Data From Four Military Treatment Facilities. Society of Military Orthopae dic S urgeons Annua l Meeting, 20I I .

1. **Gerlinger T.** Multinatio nal Trauma Team. Norwegian Army Medic a l Conference, Camp Setermocn, Norway , 2011.
2. **Gcrlinger T.** Care of thc Wounded Warrior; From the Fir s t Res ponder to Recove ry. No rwegia n Army Medica l Co nference, Ca mp Setcrmoen, Norway, 201 1.
3. Orthopaedic Combat Trauma: IO Yea rs at War. Grand Ro unds, Northwestern University Orthopaedic Department, Chicago, June 20 I I
4. Masini, **Gcrlinger,** Hsu, Rite nour. Wenke: Acute Compartment Syndrome of the Thigh in Combat Cas ualties. Society of Military Orthopaedic Surgeons Annual Meeting, 20 I 0.
5. Gleb us, **Gcrlinger,** Hsu: Deployability Follo wing Lower Extrem ity T ota l Joint Replac ement in Active Duty Military Personne l. Society of Military Orthopaedic Surgeon s Annual Meeting, 20 I 0.
6. F uller , Dowd. **Gerlingcr,** Hsu: Publicatio n rates of abstracts prese nted at the an nual meeting of the Society of Military Orthopaedic Surgeons. Society of Military Orthopaedic Surgeo ns Annual Meeting, 20 I 0.
7. Krueger, Munay, Mende, Guymon , **Gcrlinger:** Bacterial Contamin ation of Surgica l Sc rubs; A Nosocomial Infecti o n Ri s k? In fectious Disease Society Annual Meeting, 20 I 0 , Society of Military Orthopaedic Surgeons Annual Meeting, 20 I 0.
8. Masini, Stinner, Watennan , **Gcr lingcr,** Wenke: Bacteria l Adherence to Titanium Versus Bioabso rbable Tibial Interfe renc e Screws . Society of Military Orthopaedic Surgeo ns Annual

Meeting, December 2009, American Academy of Orthopaedic Surgeons Annual Meeting, March

2010.

1. Do w d, **Gerlinger:** Co mpariso n of Bacterial Adherence in Titanium and Tantalum Acetabu lar Impl an ts. Soc iety of Military Orthopaedic Surgeons Annual Meeting, Dece mber 2009. Mid­ Amer ica Annual Meeting, April 20 I 0.
2. Davis, **Gerlinger:** Ren1rn to Dri ving after Less Invasive T o tal KJiee Arthroplasty. Society of Militaiy Orthopaedic Surgeons A1mual Meeting, 2009, Ame rica n Academy of Orthopaedic Surgeons Annual Meeting, 20 I0.
3. **Gerlingcr.** Orthopaed ic War Trauma Update and Minimally Invas ive T ota l Joint Arthrop lasty in a Managed Care Setting. Lany S. Matthews Lec tureship, Univers ity of Mic higan, May 2009.
4. **Gerlinger,** Ro bbins: Can Car bon Fiber Rods for the Hoffman II External Fixator be Re-Used? Soc ie ty of Milita ry Orthopaedic Surgeons A1mual Meeting, 2007.
5. Doman , **Gerlingcr:** Minima lly Invasi ve Total Joint Arthroplasty in a Managed Care Setting. Society of Military Orthopaed ic Surgeons Annual Meeting, 2007.
6. Coa tes, **Gcrlingcr:** Outco mes of Closed Femur Fractures Treated with Externa l F ixation in the Combat Zone. Society of Military Orthopaedic Surg eons Annual Meeting, 2006.
7. **Gcrlinger.** Frontline Orthopaedics. Grand Rounds, Northwestern University Orthopaedic Department. Chicago, June 2006.
8. **Gerlinger,** Berger: Hybrid Total Knee A1throplasty: IO years Rad iog raphic and Clinica l F/U. Society of Military Orthopaedic Surgeons Annua l Meeting, 2005.
9. **Gerlinger.** Frontline Orthopaedics. Grand Rounds , University of Chicago Orthopaedic Department, April 2004.
10. **Gerlingcr,** Burlingame, Peoples: The Combat Experience of an Army Fo1ward Surgical Team in Operation Enduring Freedom. Society of Military Orthopaedic Surgeons Annual Meeting. 2002, Poster presentation. Orthopaedic Trauma Association Meeting, 2002.
11. Mol inari, **Gerlinger:** Functional Outcome of In strumented Posterior Lumbar In terbody Fusion(PLIF) in Active Duty U.S. Servicemen: A Comparison with

Nonoperative Management. American Academy of Orthopaedic Surgeons Annual Meeting, 200**l ,** Current Controversies and Challenges in Spinal Surgery meeting, Naple s , 2000, Spine + Science + Management Program, New Orleans, 2000.

# PEER-REVIEWED PUBLICATIONS

I. Tracey RW, Akram F. Della Valle CJ, Sporer SM, Berger RA, **Gcrlingcr TL.** Clinical Outcomes in Isolated Tibial Revision With Cruciate Retaining Total Knee Arthroplasty. J Arthroplasty. 2021 Jul;36(7):2536-2540. doi: I 0.1016 /j.ar th.2021.02.013. Epub 2021 Feb 9. PMID: 33642111

1. Fuller BC, Lonner .TH, Berend KR, Berger RA, **Gerlinger TL.** Partial Knee Arthroplasty: The State of the Art. Instr Course Leet. 2021;70:235-246. PMID: 33438913
2. Cregar WM, Goodloe JB, Lu Y, **Gcrlinger TL.** Increased Operative Time Imp acts Rates of

Short-Term Complications After Unicompartmenta l Knee Arthroplasty. J Arthroplasty. 2020 Aug 19:S0883 -5403 (20)309 I 8 -9 . doi: I 0.10 I 6 / j.a rth.2020.08.032. Online ahead of print. PMID:

32921548

1. Cregar WM, KJ1azi ZM , Lu Y, Forsythe B. **Gcrlinger TL.** Lysis of Adhesion for Arthrofibrosis After Total Knee Arthroplasty Is Associated With Increased Risk of Subsequent Revision Total Knee Arthroplasty. J Arthroplasty. 2020 Jul l 3:S0883 -5403 (20)30774-9.doi:

I 0. 10 I6 /j.arth.2020.07.018. PMID: 32741708

1. Heckmann ND, Nahhas CR, Yang J, Della Valle CJ, Yi PH, Culvern CN, **Gcrlinger TL,** Nam D. Saline lavage after a "dry tap". Bone Joint J. 2020 Jun; I 02-B(6\_Supple\_A):138-144. doi:

I O. I 302 / 0301-620X. I 02B6.BJJ-2019-l 679.Rl. PMID: 32475286

1. Nahhas CR, Hannon CP, Yang J, **Gcrlingcr TL.** Nam D, Della Valle CJ. Educatio n Increases Disposal of Unused Opioids After Total Joint Arthroplasty: A Cluster- Randomize d Controlled Trial. J Bone Joint Surg Am. 2020 Apr 2. doi: l 0.2106/JBJS. I9.01166. O nline ahead of print. PMID: 32251139
2. Lu Y, Cregar WM, Goodloe JB, Khazi Z, Forsythe B, **Gcrlingcr TL.** General Anesthesia Leads to Increased Adverse Events Compared With Spinal Anesthesia in Pat ients Undergoing Unicompartmental Knee Arthroplasty. J Arthroplasty. J Arthroplasty . 2020 Aug;35(8):2002-2008. doi: I0. 1016/j.ar th.2020.03.012. **PMID:** 32247674
3. Tetreault MW, Akram F, Li J, Nam D, **Geriinger TL,** Della Valle CJ, Levine BR. Are Postoperative Hip Precautions Necessary After Primary Total Hip Arthroplasty Using a Poste rior Approach? Preliminary Results of a Prospective Randomized Trial. J Arthroplasty. 2020

.Jun;35(6S):S246-S25I. doi: l 0.10! 6/j.art h.2020.02.019. Epu b 2020 Feb 15. PMID: 32146109

1. Calkins TE, Hannon CP. Nam D, **Gerlinger TL,** Sporer SM, Della Valle CJ. Who is prescribing opioids preoperatively? A survey of new patients presenting to tertiary care adult reconstruction clinics. J Am Acad Orthop Surg. 2020 Apr I ;28(7):301-307. doi: I 0.5435 /J AAOS-D-19-00602. PMID: 31977344

I 0. Frisc h NB, Courtney PM, Darrith B, Copela nd LA, **Gcrlingcr TL.** Veterans undergoing total hip and knee arthroplas ty: 30day outcomes as compared to the general population. .I Am Acad Orthop Surg. 2020 Nov 15;28(22):923 -929. doi: I0.5435/.JAAOS-D-19-00775. PMID: 32004175

1. Sutter EG, Akram F, Miller A, Paprosky WG, Berger RA, **Gerlingcr TL.** Outcomes of Iso late d Head and Liner Exchange Using Large Femoral Heads and Modern Liners in Revision Total Hip Arthroplasty. .I Arthroplasty. 2020 Apr;35(4): I064-1068. doi: I 0. 101 6 /j. arth.2019. 1 1.015. Epub 2019 Nov 20. PMID: 31812483
2. Calkins TE, Culvern C, Nam D. **Gerlingcr TL,** Levine BR, Sporer SM. Della Valle CJ. Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Periprosthctic .Joint Infection in Aseptic Revision Total Knee and Hip Arthroplasty: A Randomized Controlled Trial. J Arthroplasty. 2020 Feb;35(2):538-543.eI. doi: I 0. 10 16 /j. arth.2019.09.0 I I. Epub 201 9 Sep 12. PMID: 3 I 575448

I 3. Nahhas CR, Hannon CP, Yang J, **Gcrlinger TL,** Nam D, Della Valle CJ. Education Increases Disposal of Unused Opioids After Total Joint Arthroplasty: A Cluster-Randomized Controlled Trial. J Bone Joint Surg Am. 2020 Apr 2. doi: I 0.2 I06 /JBJS. I 9.0 I 166 . [Epub ahead of print] PMID: 32251 1 39

1. Nahhas CR, Fuller BC, Hannon CP, **Gcrlinger TL,** Nam D, Della Valle CJ. Which Nonsurgical Treatments Do Patients Believe Are Most Effective for Hip and Knee Arthritis? J Am Acad Orthop Surg Glob Res Rev. 2020 May;4(5):e2000046. doi: I 0.5435/JAAOSGlobal-D-20-00046. PMID: 33970578
2. Calkins TE, Culvcrn C, Nahhas CR, Della Valle CJ, **Gcrlingcr TL,** Levine BR, Nam D. External Valid ity of a New Prediction Model for Patient Satisfaction After Total Knee Arthrop las ty. J Arthroplasty. 2019 Apr 13. pii: S0883-5403( 19 )30353-5. doi: I0.1016 /j.art h.2019.04.021. [Epub ahead of print] PMID: 31056443
3. Manning BT, Bohl DD. Redondo ML, **Gerlingcr TL,** Sporer SM. Paprosky WG, Levine BR. Midlevel Providers in Orthopaedic Surgery: The Patient's Perspective. Iowa Orthop J.

20l 9;39( I):2 11- 216.

1. Sershon RA, Li J, Calkins TE, Courtney PM, Nam D, **Gcrlingcr TL,** Sporer SM, Levine BR . Prospective Validation of a Demographically Based Primary Total Knee Arthroplasty Size Calculator. J Arth roplas ty. 2019 Mar 7. pii: S0883-5403(19)30204-9. doi:

I0.10 16 /j. arth.2019.02.048. [Epub ahead ofprint]PMID: 30930159

1. Hannon CP, Calkins TE, Li J, Culvern C, Darrith B, Nam D, **Gcrlinger TL,** Buvanendran A, Della Valle CJ. Large Opioid Prescriptions Are U1mecessary After Total .Joint Arthroplasty: A Randomized Controlled Trial. J Arthroplasty. 2019 Feb 4. pii: S0883-5403(19)301 I 0-X. doi: 10.1016 /j.arth.2019.0l.065. [Epub ahead of print] PMID: 30799266
2. Bohl DD, Jefferson Li, C alkins TE, Darrith B, Edmis ton TA, Nam D, **Gerlinger TL,** Levine BR, Della Valle CJ. Physical Therapy on Postoperative Day Zero Following Total Knee Arthro plasty: A Randomized Controlled Trial of394 Patients. J Arthroplasty. 2019 Feb 13 . pii: S0883- 5403(19) 30 145-7 . doi: I 0. 1016/j. arth.20 I9.02.0 I 0. [Epub ahead of print] PMID: 30827716
3. Campbell KJ, Louie PK, Bohl DD, Edmiston T, Mikhail C, Li J, Khorsand DA, Levine BR, **Gcrlingcr TL.** A Novel. Automated Text-Messaging System Is Effective in Patients Undergoing Total Joint Arthrop las ty. J Bone Joint Surg Am. 2019 Jan 16: I O I (2):145-151. doi:

# I0.2 10 6 / JBJS.17 .01505. PMID: 30653044

1. Davis J A, Bohl DD, **Gcrlingcr TL.** Brake response time after modern total knee arthroplasty: How soon can patients drive? Knee. 2018 Aug 11. pii: S0968-0l 60(18)30519-2. doi:

10.1016 /j.knee.2018.07.002 . PMID: 30108010

1. Campbell KJ, Louie PK, Khorsand DA, Frisch NB, **Gcrlingcr TL,** Levine BR. Innovation and Entrepreneurship: Perspectives From Orthopedic Surgery. Orthopedics. 2018 May I ;41(3): I 35 - 1 40. doi: I 0.3928 /0 14 77447-20180409-08. Epub 2018 Apr 16. PMID: 29658978
2. Courtney PM, Edmiston TA, Pflederer CT, Levine BR. **Gerlinger TL.** Is There Any Role for Direct Repair of Extensor Mechanism Dismption Following Total Knee Arthrop lasty? .I Arthroplasty. 2018 Jul;33(7S):S244-S248. doi: I 0. 10 I6 / j. arth.2017.1 1.045. Epub 2017 Dec 2. PMID: 29248484
3. Kayupov E. Okroj K, Young AC, Morie M. Luchetti TJ, Zisman G, Buvanendran A, **Gerlinger TL,** Della Valle CJ. Continuous Adductor Canal Blocks Provide Superior Ambulation and Pain Control Compared to Epidural Analgesia for Primary Knee Arthroplasty: A Randomized , Controlled Trial. **J** Arthrop lasty20l8 Apr;33(4): l04 0- l044.e l. doi: 10 . 10 1 6 /j.arth.2017. I 1.0 13. Epub 2017 Nov 13. PMID: 29233569
4. Kayupov E, Fillingham YA, Okroj K, Plummer DR, Morie M, **Gcrlinger TL,** Della Valle CJ. Oral and Intravenous Tranexamic Acid Are Equivalent at Reducing Blood Loss Following Total Hip Arthroplasty: A Randomized Controlled Trial. J Bone Joint Surg Am.2017 Mar I ;99 (5):373- 378. doi: I0.2 106 / JBJS.16.00188. PMID: 28244907
5. Fillingham YA, Kayupov E, Plummer DR. Morie M, **Gerlinger TL,** Della Valle CJ. A Randomized Cont rolled Trial of Oral and Intravenous Tranexamic Acid in Total KJ1ce Arthropla sty: The Same Efficacy at Lower Cost? J Arthroplasty. 2016 Sep;3 I (9 Suppl):26-30. doi: I0.1016 /j.art h.2016 .02.08 1. PMID: 27113948
6. McGrory B. Weber K, Lynott JA, Richmond JC, Davis CM 3rd, Yates A Jr, Karnath AF, Dasa V, Brown GA , **Gerlingcr TL,** Villanueva T, Piva S, Heb] J, Jevsevar D, Shea KG, Bozic KJ, Shaffer W, Cummins D, Murray JN, Donnelly P, Patel N, Brenton B, Shores P, Woznica A, Linskey E, Sevarino K. The American Academy of Orthopaedic Surgeons Evidence-Based Clinical Practice Guideline on Surgical Management of Osteoarthriti s of the Knee. J Bone Joint Surg Am. 2016 Apr 20;98(8):688-92. doi: 10.2106 / JBJS.l 5.0 13 I I. P MID: 27098328
7. McDowell M, Park A, **Gerlinger TL.** The Painful Total Knee Arthroplas ty. Orthop Clin North Am. 2016 Apr:47(2):317-26 . PMID: 26772940
8. FLOW Investigators, Bhandari M, Jeray KJ, Petrisor BA, Devereaux PJ, Heels-Ansdell D. Schemitsch EH, Anglen J, Della Rocca G.J, Jones C, Kreder **H,** Liew S, McKay P, Papp S, Sancheti P, Sprague S, Stone TB, Sun X, Tanner SL, Tornetta P 3rd, Tufescu T, Walter S, Guyatt GH. A Trial of Wound Irrigation in the Initial Management of Open Fracture Wounds. N Engl J Med.2015 Dec 31;373(27):2629- 41. doi : I 0.1056/NEJMoa 1508502. Epub 2015 Oct 8. PMID: 26448371
9. Johnson AE, **Gerlingcr TL,** Born CT. The American Academy of Orthopaedic Surgeons /Society of Military Orthopaedic Surgeons/Orthopaedic Trauma Associations/Pediatric Orthopaedic Association Disaster Response and Preparedness Course. J Orthop Trauma. 2015 Oct;29 Suppl

l0:S23-5 . PMID: 263562 I 0

1. Orr JD, Hoffmann JD, Arrington ED, **Gcrlinger TL,** Devine JG. Belmont PJ Jr. Army mthopaedic surge ry residenc y program directors' selection criteria. .I Surg Orthop Adv. 2015 Summer;24(2):120-4. PMID: 25988694
2. Andersen RC, D'Alleyrand JC, Swiontkowski MF, Ficke JR; Extremity War Injuries Vlll Session Moderators. Extremity War Inj uries VIII: sequelae of combat injuries. .I Am Acad Orthop Surg. 2014 Jan;22( 1 ):57-62.doi: I0. 5435/.IAAOS-22-01-5 7.
3. Gle bus, Feathers, Hsu, **Gcrlinger.** Return to Duty and Deployment After Major Joint Arthroplasty. *J Arthroplasty.* 2013 Jul 3. pii: S0883-5403(13)00 I 9 9-X. doi:

I 0.10 16/j.arth.2013.02.028. [Epub ahead of print]

1. Masini, **Gcrlingcr,** Hsu, Ritenour, Wenke. Acute Compartment Syndrome of the Thigh in Combat Casualties. *J Surg Orthop Adv.2013* Spring;22(I ):4 2-9.
2. Masini, S tinner, Waterman, Wenke, **Gcrlinger.** Bacterial Adherence to Titanium, Poly-I-l actic Acid, and Composite Hydroxyapatite and Po ly-I-lactic Acid Interference Screws. *J S11r g Orthop Adv.* 2012 Winter;21(4 ):237-41.
3. Robbins J, **Gcrlingcr TL,** Ward JA. Can Carbon Fiber Rods for the Hoffman II® External Fixator be Reuse d? *Am J Orthop.* 2012;4 I ( 12):551-553.
4. Su EP, Perna M, Boettner F, Mayman DJ, **Gerlinger T,** Barsoum W, Randolph J, Lee G. A Prospective, Multi-center, Randomised Trial to Evaluate the Efficacy of a Cryopneumatic Device on Total Knee Arthroplasty Recovery. *J Bone Join! S111g Br* 2012 Nov ;94-B(l I Suppl):153-6.

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