

Burns and Military

- **The Use of a Silver-Nylon Dressing During Evacuation of Military Burn Casualties**
Authors: Amit Aurora, D.Eng¹, Alexander Beasy, BA¹, Julie A. Rizzo, MD^{1,2}, and Kevin K. Chung, MD^{2,3}
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 - ³ Brooke Army Medical Center, JBSA, Fort Sam Houston, TX, USA
 - Publication: Journal of Burn Care & Research
- **Military Applications of Silver-Nylon Dressings**
Author: David J Barillo MD FACS FCCM
 - Winchester Medical Center, Winchester VA, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries, 2014
- **Silverlon® use in Afghanistan for Burn Care**
Authors: Mary-Margaret Brandt MD, Margaret Tait MT (ASCP), Thomas Toddano MA MT (ASCP), Wendy Wahl MD
 - University of Michigan Burn Center, MI, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries, 2014
- **Comparison of Silverlon® Dressing to Xeroform™ Gauze in the Treatment of Skin Graft Donor Site Wounds**
Authors: Michale C. Albrecht MD, Evan Renz MD, Leopoldo C. Cancio MD, Christopher E. White MD, Lorne H. Blackbourne MD, Kevin Chung MD, Eric E. Horvath DO, Peggy Bielke RN, David Baer PhD, Steven E. Wolf MD, John B Holcomb MD
 - U.S. Army Institute of Surgical Research, Fort Sam Houston, TX, USA
- **A Literature Review of the Military Uses of Silver-Nylon Dressings with Emphasis on Wartime Operations**
Author: David J Barillo, MD, FACS, FCCM
 - Mount Pleasant, SC, USA
 - Italian Army Medical Service & Università degli Studi di Modena e Reggio Emilia, Emilia-Romagna, ITALY
 - Department of Surgery, St. Joseph Mercy Hospital-Ann Arbor, Ann Arbor, MI, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries, 2014

Wounds

- **A Clinical Evaluation of Silverlon® Wound Contact Layer Antimicrobial Wound Dressing**
Author: Gareth Owen
 - Manchester Royal Infirmary, UK
- **Chronic, Diabetic Foot Wounds with Ischemia and Tissue Loss: Use of Advanced Wound Care Techniques, Silver Plated Cloth, Allografts and Vascular Intervention to Prevent Further Tissue Loss**
Authors: Dr. Stanley N. Carson MD FACS, Eric Travis DPM, Diana To MPT
- **Treatment of Pyoderma Gangrenosum with a Silver Contact Layer**
Author: Dr. Carl Van Gils
 - Dixie Regional Medical Center Wound Clinic, St. George, UT, USA
- **Utilizing Silver-Plated Fabric with Negative Pressure Wound Therapy: Improving Outcomes and Reducing Costs in Healing Acute and Chronic Wounds**
Author: Tina Baum, MS, CNS, ACNS-BC, CWON
 - Florida Hospital, North Pinellas, FL, USA

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BIBLIOGRAPHY

Independent, peer-reviewed, and published clinical studies suggest Silverlon® Dressings can be an important element in wound care, and control of wound bacteria within the dressing may help reduce the risk of infection.

Please note that these studies may involve findings that exceed the claims currently cleared by the FDA for the product. Argentum Medical, LLC is not intending to make performance claims about its product. The intent is to disseminate the scientific literature on these products. We encourage you to read these studies to understand the strengths and limitations of the data. For some claims, Argentum is seeking to broaden the indications with the FDA in the future using data, such as these studies, to provide the substantiation.

Studies are available for download at [Silverlon.com/clinical-studies](https://www.silverlon.com/clinical-studies)

Surgical

- **Use of a Silver Nylon Dressing Following Total Hip and Knee Arthroplasty Decreases the Postoperative Infection Rate**
Authors: Ashley J. Tisosky MD¹, Otatade Iyoha-Bello BSc², Nicholas Demosthenes BA³, Giovanni Quimbayo MD², Tara Coreanu BSc⁴, Ayesha Abdeen MD FRCS⁵
 - ¹ Department of Orthopaedic Surgery, Harvard Combined Orthopaedic Residency Program, Massachusetts General Hospital, Boston, MA, USA
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 - ⁴ Faculty of Health Sciences, Clinical Research Center, Soroka University Medical Center, Ben-Gurion University of the Negev, Beer-Sheba, ISRAEL
 - ⁵ Department of Orthopaedic Surgery, Harvard Medical School, Beth Israel Deaconess Medical Center, Boston, MA, USA
- **The Use of Silver Nylon in Preventing Surgical Site Infections Following Colon and Rectal Surgery**
Authors: Beth Krieger MD, Donald M. Davis MD, Jaime E. Sanchez MD, James J. Mateka, Valentine N. Nfonsam MD, Jared C. Frattini MD, Jorge E. Marcet MD
 - Department of Surgery, Division of Colon and Rectal Surgery, University of South Florida, Tampa, FL, USA
 - Publication: Diseases Of The Colon & Rectum
- **A Clinical Trial to Investigate the Effect of Silver Dressings on Mediastinitis Rates in Postoperative Cardiac Sternotomy Incisions**
Authors: Roger Huckfeldt MD FACS, Clyde Redmond MD, Debbie Mikkelsen BSM, Phillip J. Finley MS, Cindy Lowe BS CCRP, Jennifer Robertson RN
 - St John's Regional Health Center, Springfield, MO, USA
 - Publication: Ostomy Wound Management
- **Do Silver-Impregnated Dressings Limit Infections After Lumbar Laminectomy with Instrumented Fusion?**
Author: Nancy E. Epstein MD
 - Albert Einstein College of Medicine, Bronx, NY, USA
 - Publication: Surgical Neurology
- **Healing Chronic, Ischemic, Infected Saphenous Vein Harvest Sites in the Legs with Silver Plated Cloth and Allograft Dermal Regenerative Matrix**
Authors: Stanley Carson MD FACS, Eric Travis DPM, Carol Ajifu PT, Diana To MPT
- **Silver-Based Dressings for the Reduction of Surgical Site Infection: Review of Current Experience and Recommendation for Future Studies**
Authors: Elia Charbel Abboud MD, Judson C. Settle MD, Timothy B. Legare MD, Jorge E. Marcet MD, David J. Barillo MD, Jaime E. Sanchez MD
 - University of South Florida, Tampa, FL, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries

Silver In Medicine

- **Silver in Medicine: A Brief History BC 335 to Present**
Authors: David J Barillo MD FACS FCCM, David E. Marx DVM
 - Mount Pleasant, SC, USA
 - University of Scranton, Scranton, PA, USA
- **Silver In Medicine: The Basic Science**
Authors: David J Barillo, MD FACS FCCM, David E. Marx DVM
 - Mount Pleasant, SC, USA
 - University of Scranton, Scranton, PA, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries, 2014

- **Silver-Resistance, Allergy, and Blue Skin: Truth or Urban Legend?**
Author: Dr. Jose P. Sterling, MD
 - St. Vincent Regional Medical Center, Santa Fe, NM, USA
 - Publication: BURNS: The Journal of the International Society of Burn Injuries, 2014

Negative Pressure Wound Therapy

- **Silver Negative Pressure Dressing With Vacuum-assisted Closure of Massive Pelvic and Extremity Wounds**
Authors: Herrick J. Siegel MD, Diego F. Herrera MD, Jason Gay CRNFA
 - University of Alabama at Birmingham (UAB), Birmingham, AL, USA
 - Publication: Clinical Orthopaedics and Related Research
- **Wound Healing and Cost-Saving Benefits of Combining Negative-Pressure Wound Therapy with Silver**
Authors: Jeffrey C. Karr DPM, Fernando Loret de Mola MD, Tri Pham MD, Leslie Tooke RN
 - The Wound Care Center at Lakeland Regional Medical Center, Lakeland, FL, USA
 - Publication: Advances in Skin & Wound Care

Central Line Catheter / Mechanical Circulatory Support

- **Reduction in Central Line-Associated Bloodstream Infections Correlated With the Introduction of a Novel Silver-Plated Dressing for Central Venous Catheters and Maintained for 6 Years**
Authors: Rachel Karlinski PhD¹, Elia Charbel Abboud MD¹, Peggy Thompson BSN CIC FAPIC², Asa Z. Oxner MD³, John T. Sinnott, MD FACP⁴, Jorge E. Marcet MD FACS FASCRS¹
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 - ³ Department of Internal Medicine, Beth Israel Deaconess Medical Center, Boston, MA, USA
 - ⁴ Department of Internal Medicine, University of South Florida, Morsani College of Medicine, Tampa, FL, USA
 - Publication: Journal of Intensive Care Medicine 1-6
- **Non-Inferiority of a Novel Silver-Plated Dressing for Central Venous Catheters: A Retrospective Cohort Evaluating Rates of Central Line-Associated Bloodstream Infections in Adult Intensive Care Patients**
Authors: Asa Oxner MD, Andrew Myers MD, John Sinnott MD, Jorge Marcet MD, Jillian Sajdak, Peggy Thompson BSN CIC, Charles Myers
 - U. of South Florida College of Medicine, Tampa General Hospital, Tampa, FL, USA
 - Presented at: Infectious Disease Society of America Annual Conference, 2011
- **Reduce Driveline Trauma Through Stabilization and Exit Site Management: 30 Days Feasibility Results from the Multi-center RESIST Study**
Authors: Marcia Stahovich, Kartik S. Sundareswaran, Sarah Fox, William Hallinan, Peggy Blood, Leway Chen, Salpy V. Pamboukian, Raymond Chinn, David J. Farrar, Francis D. Pagani, Laura Blue
 - Publication: ASAIO Journal 2016
- **Silver-plated Discs at PICC Insertion Sites in the Neonatal ICU**
Authors: Gloribel Medina, MHA, MPH, BSN, RNC-NIC, Karen Fugate, MSN, RNC-NIC, CPHQ, Kimberly Atrubin, MPH, CIC, CPHQ, FAPIC
 - Children's Medical Center, Tampa General Hospital
 - Presented at: National Association of Neonatal Nurses 2020
- **Left Ventricular Assist Devices: An Innovative Approach to Decrease Infections Using a Silver Contact Dressing**
Author: Joan Lerner Selekof BSN RN CWOCN
 - University of Maryland Medical Center, Baltimore, MD, USA
 - Presented at: Mid Atlantic Region Wound Ostomy and Continence Nurses Annual Conference, 2010