


Stanford



Ken Zafren, MD FAAEM FACEP FAWM

Clinical Professor, Emergency Medicine

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Board of Directors, Wilderness Medical Society, (1991-1996)
- Associate Medical Director, Himalayan Rescue Association, (1993- present)
- Medical Director, Alaska Mountain Rescue Group, (1994-2010)
- Medical Director, Denali National Park Mountaineering Rangers, (1997-2001)
- Medical Director, Lake Clark National Park, (1997-2010)
- Board of Directors, Wilderness Medical Society, (1999-2006)
- EMS Medical Director, State of Alaska, (2001-2012)
- Vice President, International Commission for Mountain Emergency Medicine (ICAR MEDCOM), (2001-2017)
- Emergency Programs Medical Director, State of Alaska, (2012-2017)

HONORS AND AWARDS

- Honorary Member (#39), International Commission for Alpine Rescue (ICAR) (2017)
- Plaque of Honor for Outstanding Contributions and Continued Support, Himalayan Rescue Association - Nepal (2013)
- Award for Outstanding Contribution to Mountain Rescue Medicine, Mountain Rescue Association (2012)
- Founder's Award, Wilderness Medical Society (2012)
- Governor's Council on Emergency Medical Services - George Longenbaugh Memorial Award, State of Alaska (2012)
- Award for Excellence in Peer Reviews, Wilderness and Environmental Medicine (2010)
- Hero of Emergency Medicine, American College of Emergency Physicians (2008)

- Service Award of the Wilderness Medical Society, Wilderness Medical Society (2004)
- Education Award of the Wilderness Medical Society, Wilderness Medical Society (2003)

PROFESSIONAL EDUCATION

- Board Certification: Emergency Medicine, American Board of Emergency Medicine (1995)
- Residency, UCLA-Kern Medical Center , Emergency Medicine (1994)
- Internship: Presbyterian St Luke's Medical Center Transitional Year (1986) CO
- MD, University of Washington School of Medicine (1984)
- BA, New College / USF , Mathematics (1975)

COMMUNITY AND INTERNATIONAL WORK

- Himalayan Rescue Association, Nepal
- Emergency Programs Medical Director-State of Alaska

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

High altitude medicine, AMS, HACE, HAPE, cold injuries, including hypothermia and frostbite, emergency medical services, wilderness medicine, mountain rescue, thrombosis, international medicine, travel medicine, emergency medicine, resuscitation

Publications

PUBLICATIONS

- **End-tidal CO₂ <10 mm Hg is not a reason to terminate cardiopulmonary resuscitation in hypothermic cardiac arrest.** *Resuscitation*
Zafren, K., Paal, P.
2022
- **COVID-19 Lung Injury Is Different From High Altitude Pulmonary Edema (Re: High Alt Med Biol [Epub ahead of print]; DOI: 10.1089/ham.2020.0055).** *High altitude medicine & biology*
Brugger, H. n., Basnyat, B. n., Ellerton, J. n., Hefti, U. n., Strapazzon, G. n., Zafren, K. n.
2020
- **The STAR Data Reporting Guidelines for Clinical High Altitude Research** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Maeder, M., Brugger, H., Pun, M., Strapazzon, G., Dal Cappello, T., Maggiorini, M., Hackett, P., Baertsch, P., Swenson, E. R., Zafren, K., STAR Core Grp, STAR Delphi Expert Grp
2018; 19 (1): 7–14
- **High altitude illness in pilgrims after rapid ascent to 4380 M** *TRAVEL MEDICINE AND INFECTIOUS DISEASE*
Zafren, K., Pun, M., Regmi, N., Bashyal, G., Acharya, B., Gautam, S., Jamarkattel, S., Lamichhane, S. R., Acharya, S., Basnyat, B.
2017; 16: 31-34
- **Delayed and intermittent CPR for severe accidental hypothermia** *RESUSCITATION*
Gordon, L., Paal, P., Ellerton, J. A., Brugger, H., Peek, G. J., Zafren, K.
2015; 90: 46-49
- **Wilderness Medical Society practice guidelines for the out-of-hospital evaluation and treatment of accidental hypothermia: 2014 update.** *Wilderness & environmental medicine*
Zafren, K., Giesbrecht, G. G., Danzl, D. F., Brugger, H., Sagalyn, E. B., Walpoth, B., Weiss, E. A., Auerbach, P. S., McIntosh, S. E., Némethy, M., McDevitt, M., Dow, J., Schoene, et al
2014; 25 (4): S66-85
- **Frostbite: Prevention and Initial Management** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Zafren, K.

2013; 14 (1): 9-12

- **D-Dimer Is Not Elevated in Asymptomatic High Altitude Climbers after Descent to 5340 m: The Mount Everest Deep Venous Thrombosis Study (Ev-DVT)** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Zafren, K., Feldman, J., Becker, R. J., Williams, S. R., Weiss, E. A., Deloughery, T.
2011; 12 (3): 223-227
- **Acetazolamide fails to decrease pulmonary artery pressure at high altitude in partially acclimatized humans** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Basnyat, B., Hargrove, J., Holck, P. S., Srivastav, S., Alekh, K., Ghimire, L. V., Pandey, K., Griffiths, A., Shankar, R., Kaul, K., Paudyal, A., Stasiuk, D., Basnyat, et al
2008; 9 (3): 209-216
- **Lightning injuries: prevention and on-site treatment in mountains and remote areas - Official guidelines of the International Commission for Mountain Emergency Medicine and the Medical Commission of the International Mountaineering and Climbing Federation (ICAR and UIAA MEDCOM)** *RESUSCITATION*
Zafren, K., Durrer, B., Herry, J. P., Brugger, H.
2005; 65 (3): 369-372
- **Guidelines for the management of head injuries in remote and rural Alaska.** *Alaska medicine*
Sacco, F., Zafren, K., Brown, K., Cohen, T., COOPES, B. J., Godersky, J., Hudson, D., Hyams, S., Ingraham, D., Levy, M., Ma, W., Martinez, P., Montano, et al
2004; 46 (3): 58-62
- **Thrombotic complications at altitude** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Zafren, K.
2004; 15 (2): 155-155
- **Trends in the workload of the two high altitude aid posts in the Nepal Himalayas** *JOURNAL OF TRAVEL MEDICINE*
Basnyat, B., Savard, G. K., Zafren, K.
1999; 6 (4): 217-222
- **Images - Chilblains (pernio)** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Zafren, K.
1999; 10 (1): 25-26
- **Gamow bag for high-altitude cerebral oedema** *LANCET*
Zafren, K.
1998; 352 (9124): 325-326
- **Hyponatremia in a cold environment** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Zafren, K.
1998; 9 (1): 54-55
- **High-altitude medicine.** *Emergency medicine clinics of North America*
Zafren, K., Honigman, B.
1997; 15 (1): 191-222
- **Treatment of high-altitude pulmonary edema by bed rest and supplemental oxygen** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Zafren, K., Reeves, J. T., Schoene, R.
1996; 7 (2): 127-132
- **SEASONAL-VARIATION IN BAROMETRIC-PRESSURE AND TEMPERATURE IN SUMMIT-COUNTY - EFFECT ON ALTITUDE ILLNESS** *8th International Hypoxia Symposium*
Reeves, J. T., Wagner, J., Zafren, K., Honigman, B., SCHOENE, R. B.
CHARLES S HOUSTON.1993: 275-281
- **MORE ON TETRACYCLINE AND TICKS** *NEW ENGLAND JOURNAL OF MEDICINE*
Zafren, K.
1983; 308 (7): 403-404
- **Noncompressible Chest Wall in Critically Buried Avalanche Victims with Cardiac Arrest: A Case Series.** *High altitude medicine & biology*
Eidenbenz, D., Kottmann, A., Zafren, K., Carron, P. N., Albrecht, R., Pasquier, M.

2024

- **Studies of hypothermic cardiac arrest outcomes without core temperature measurements are deeply flawed.** *The American journal of emergency medicine*
Lechner, R., Brugger, H., Cools, E., Darocha, T., Paal, P., Pasquier, M., Strapazzon, G., Wallner, B., Walpoth, B., Zafren, K., Gordon, L.
2024
- **Keep Cool but Don't Freeze: The Influence of William J. Mills Jr. on the Treatment of Frostbite.** *Wilderness & environmental medicine*
Gharraei, M., Zafren, K., Villar, R., Giesbrecht, G. G.
2024: 10806032241273497
- **In Reply to Drs. Rousson, Hall, and Pasquier.** *Wilderness & environmental medicine*
Van Tilburg, C., Paal, P., Strapazzon, G., Grissom, C. K., Haegeli, P., Hölzl, N., McIntosh, S., Radwin, M., Smith, W. W., Thomas, S., Tremper, B., Weber, D., Wheeler, et al
2024: 10806032241245617
- **Women at Altitude: Menstrual-Cycle Phase, Menopause, and Exogenous Progesterone Are Not Associated with Acute Mountain Sickness.** *High altitude medicine & biology*
Gardner, L., Keyes, L. E., Phillips, C., Small, E., Adhikari, T., Barott, N., Zafren, K., Maharjan, R., Marvel, J.
2024
- **About Rewarming Young Children After Drowning-Associated Hypothermia and Out-of-Hospital Cardiac Arrest.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Cools, E., Brugger, H., Darocha, T., Gordon, L., Pasquier, M., Walpoth, B., Zafren, K., Peek, G., Paal, P.
2024; 25 (3): e171-e172
- **In Response to Performance of a Chemical Heat Blanket by Greene et al.** *Wilderness & environmental medicine*
Phillips, D. L., Bowman, J., Zafren, K.
2024; 35 (1): 107-108
- **Frostbite treatment: a systematic review with meta-analyses.** *Scandinavian journal of trauma, resuscitation and emergency medicine*
Regli, I. B., Oberhammer, R., Zafren, K., Brugger, H., Strapazzon, G.
2023; 31 (1): 96
- **Wilderness Medical Society Clinical Practice Guidelines for Prevention and Management of Avalanche and Nonavalanche Snow Burial Accidents: 2024 Update.** *Wilderness & environmental medicine*
Van Tilburg, C., Paal, P., Strapazzon, G., Grissom, C. K., Haegeli, P., Hölzl, N., McIntosh, S., Radwin, M., Smith, W. W., Thomas, S., Tremper, B., Weber, D., Wheeler, et al
2023
- **Wilderness Medical Society Clinical Practice Guidelines for the Prevention, Diagnosis, and Treatment of Acute Altitude Illness: 2024 Update.** *Wilderness & environmental medicine*
Luks, A. M., Beidleman, B. A., Freer, L., Grissom, C. K., Keyes, L. E., McIntosh, S. E., Rodway, G. W., Schoene, R. B., Zafren, K., Hackett, P. H.
2023
- **Physiological Effects of Sildenafil Versus Placebo at High Altitude: A Systematic Review.** *High altitude medicine & biology*
Poudel, S., Gautam, S., Adhikari, P., Zafren, K.
2023
- **Termination of Cardiopulmonary Resuscitation in Mountain Rescue: A Scoping Review and ICAR MedCom 2023 Recommendations.** *High altitude medicine & biology*
Lugnet, V., McDonough, M., Gordon, L., Galindez, M., Mena Reyes, N., Sheets, A., Zafren, K., Paal, P.
2023
- **History of Avalanches in the Eastern Spanish Pyrenees.** *Wilderness & environmental medicine*
Blasco Mariño, R., Martínez, I. S., Bacardit, M., Zafren, K., Paal, P.
2023
- **Isolated high altitude psychosis, delirium at high altitude, and high altitude cerebral edema: are these diagnoses valid?** *Frontiers in psychiatry*
Hüfner, K., Falla, M., Brugger, H., Gatterer, H., Strapazzon, G., Tomazin, I., Zafren, K., Sperner-Unterweger, B., Fusar-Poli, P.
2023; 14: 1221047

- **A unique cause of severe chest pain in the emergency department.** *Journal of the American College of Emergency Physicians open*
Starrs, M., Zafren, K.
2023; 4 (3): e12982
- **Takotsubo Cardiomyopathy Following Complete Avalanche Burial: A Case Report.** *High altitude medicine & biology*
Liberda, M., Marxer, L., Zafren, K., Oggier, S., Pucci, L., Pasquier, M.
2023
- **Prevention and Treatment of Nonfreezing Cold Injuries and Warm Water Immersion Tissue Injuries: Supplement to Wilderness Medical Society Clinical Practice Guidelines for the Prevention and Treatment of Frostbite.** *Wilderness & environmental medicine*
Zafren, K., Hollis, S., Weiss, E. A., Danzl, D., Wilburn, J., Kimmel, N., Imray, C., Giesbrecht, G., Tipton, M.
2023
- **Letter: Is Altitude-Induced Sleep Apnea Highly Dependent on Ethnic Background (Sherpa vs. Tamang)? We Are Not Convinced.** *High altitude medicine & biology*
Zafren, K., Pun, M., Basnyat, B.
2023
- **Survival in a Collapsed Stable for 37 Days After Avalanche Burial in 1755.** *Wilderness & environmental medicine*
Lechner, R., Brugger, H., Paal, P., Hüfner, K., Agazzi, G., Butler, F., Gordon, L., Darocha, T., Zafren, K.
2022
- **Strengthening Altitude Knowledge: A Delphi Study to Define Minimum Knowledge of Altitude Illness for Laypersons Traveling to High Altitude.** *High altitude medicine & biology*
Berendsen, R. R., Bartsch, P., Basnyat, B., Berger, M. M., Hackett, P., Luks, A. M., Richalet, J., Zafren, K., Kayser, B., STAK Plenary Group, Anholm, J., Auerbach, P. S., Beidleman, B. A., et al
2022
- **Survival After Being Wedged in a Crevasse for 16 Hours in Alaska.** *Wilderness & environmental medicine*
Giesbrecht, G. G., Zafren, K., Anderson, J., Erickson, C.
2022
- **Association of Pre-existing Mental Health Conditions with Acute Mountain Sickness at Everest Base Camp.** *High altitude medicine & biology*
Hufner, K., Caramazza, F., Pircher Nockler, E. R., Stawinoga, A. E., Fusar-Poli, P., Bhandari, S. S., Basnyat, B., Brodmann Maeder, M., Strapazzon, G., Tomazin, I., Zafren, K., Brugger, H., Sperner-Unterweger, et al
2022
- **Advising travellers beyond infectious diseases: can we learn from our forebears?** *Journal of travel medicine*
Kupper, T., Zafren, K., Visser, J.
2022
- **Isolated Ptosis Following a Vipera aspis Bite.** *Wilderness & environmental medicine*
Blasco Marino, R., Soteras Martinez, I., Hernandez Roca, A. I., Zafren, K.
2022
- **Prehospital Use of Ultrathin Reflective Foils** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Kosinski, S., Podsiadlo, P., Darocha, T., Pasquier, M., Mendrala, K., Sanak, T., Zafren, K.
2022; 33 (1): 134-139
- **Induced Hypothermia to as Cold as 3°C in Humans: Forgotten Cases Rediscovered.** *High altitude medicine & biology*
Zafren, K., Lechner, R., Paal, P., Brugger, H., Peek, G., Darocha, T.
1800
- **Prevention of Hypothermia in the Aftermath of Natural Disasters in Areas at Risk of Avalanches, Earthquakes, Tsunamis and Floods.** *International journal of environmental research and public health*
Oshiro, K., Tanioka, Y., Schweizer, J., Zafren, K., Brugger, H., Paal, P.
2022; 19 (3)
- **Prehospital Use of Ultrathin Reflective Foils.** *Wilderness & environmental medicine*
Kosinski, S., Podsiadlo, P., Darocha, T., Pasquier, M., Mendrala, K., Sanak, T., Zafren, K.

1800

- **Accidental Hypothermia: 2021 Update.** *International journal of environmental research and public health*
Paal, P., Pasquier, M., Darocha, T., Lechner, R., Kosinski, S., Wallner, B., Zafren, K., Brugger, H.
1800; 19 (1)
- **Ward, Milledge & West's High Altitude Medicine and Physiology, Sixth Edition (Book Review)** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Book Review Authored by: Zafren, K.
2021; 32 (4): 561
- **Higher pre-hospital anaesthesia case volumes result in lower mortality rates: implications for mass casualty care.** *British journal of anaesthesia*
Paal, P., Zafren, K., Pasquier, M.
2021
- **Nonfreezing Cold Injury (Trench Foot).** *International journal of environmental research and public health*
Zafren, K.
2021; 18 (19)
- **Resuscitation of an Unconscious Victim of Accidental Hyperthermia in 1805.** *Wilderness & environmental medicine*
Wallner, B., Giesbrecht, G., Pasquier, M., Gordon, L., Lechner, R., Brugger, H., Paal, P., Darocha, T., Zafren, K.
2021
- **A Shocking Experience** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Marino, R., Martinez, I., Gozalo, M., Zafren, K.
2021; 32 (3): 383-384
- **A Shocking Experience.** *Wilderness & environmental medicine*
Marino, R. B., Martinez, I. S., Panos Gozalo, M. L., Zafren, K.
2021
- **Reply to: Revised Swiss System for clinical staging of accidental hypothermia - At which core temperatures are patients at high risk of cardiac arrest?** *Resuscitation*
Musi, M. E., Sheets, A., Brugger, H., Paal, P., Zafren, K., Pasquier, M.
2021
- **Warm Fluid Infusion Is Not an Effective Primary Warming Method in Accidental Hypothermia.** *Therapeutic hypothermia and temperature management*
Pasquier, M., Gordon, L., Paal, P., Darocha, T., Zafren, K.
2021
- **Clinical staging of accidental hypothermia: the Revised Swiss System: Recommendation of the International Commission for Mountain Emergency Medicine (ICAR MedCom).** *Resuscitation*
Musi, M. E., Sheets, A., Zafren, K., Brugger, H., Paal, P., Holzl, N., Pasquier, M.
2021
- **Witnessed Cardiac Arrest in a Hypothermic Avalanche Victim Completely Buried for 2 Hours** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Daniel, N., Weinberg, N., Carus, F., Church, B., Zafren, K.
2021; 32 (1): 92-97
- **The Light Is Gone: Tribute to Prakash Adhikari, Executive Director of the Himalayan Rescue Association.** *High altitude medicine & biology*
Basnyat, B., Freer, L., Zafren, K.
2021
- **Witnessed Cardiac Arrest in a Hypothermic Avalanche Victim Completely Buried for 2 Hours.** *Wilderness & environmental medicine*
Daniel, N., Weinberg, N., Carus, F., Church, B., Zafren, K.
2021
- **Effects of Climate Change on Avalanche Accidents and Survival.** *Frontiers in physiology*
Strapazzon, G., Schweizer, J., Chiambretti, I., Brodmann Maeder, M., Brugger, H., Zafren, K.
2021; 12: 639433
- **Quality Indicators for Avalanche Victim Management and Rescue.** *International journal of environmental research and public health*

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- Kottmann, A., Pasquier, M., Strapazzon, G., Zafren, K., Ellerton, J., Paal, P.
2021; 18 (18)
- **Vitals Signs in Accidental Hypothermia.** *High altitude medicine & biology*
Pasquier, M., Cools, E., Zafren, K., Carron, P., Frochoux, V., Rousson, V.
2020
 - **Are mobile ECMO teams necessary to treat severe accidental hypothermia?** *Resuscitation*
Brugger, H., Paal, P., Zafren, K., Strapazzon, G., Musi, M. E.
2020
 - **Determination of Death in Mountain Rescue: Recommendations of the International Commission for Mountain Emergency Medicine (ICAR MedCom) WILDERNESS & ENVIRONMENTAL MEDICINE**
Schoen, C. A., Gordon, L., Hoelzl, N., Milani, M., Paal, P., Zafren, K.
2020; 31 (4): 506–20
 - **Determination of Death in Mountain Rescue: Recommendations of the International Commission for Mountain Emergency Medicine (ICAR MedCom).** *Wilderness & environmental medicine*
Schon, C. A., Gordon, L., Holzl, N., Milani, M., Paal, P., Zafren, K.
2020
 - **Induced Hypothermia to 4.2 degrees C with Neurologically Intact Survival: A Forgotten Case Series WILDERNESS & ENVIRONMENTAL MEDICINE**
Zafren, K., Paal, P., Brugger, H., Lechner, R.
2020; 31 (3): 367–70
 - **Evidence-Based Versus Myth-Based Treatment of Suspension Syndrome WILDERNESS & ENVIRONMENTAL MEDICINE**
Mortimer, R. B., Zafren, K.
2020; 31 (2): 202–3
 - **Induced Hypothermia to 4.2°C with Neurologically Intact Survival: A Forgotten Case Series.** *Wilderness & environmental medicine*
Zafren, K., Paal, P., Brugger, H., Lechner, R.
2020
 - **Prakash Adhikari: April 13, 1965 to October 23, 2020 WILDERNESS & ENVIRONMENTAL MEDICINE**
Zafren, K., Basnyat, B., Baniya, S., Bashyal, G., Brugger, H., Dawadi, S., Freer, L., Johnson, E., Systemans, B.
2020; 32 (1): 6-11
 - **Data and methods to calculate cut-off values for serum potassium and core temperature at hospital admission for extracorporeal rewarming of avalanche victims in cardiac arrest.** *Data in brief*
Falk, M. n., Brugger, H. n., Bouzat, P. n., Pasquier, M. n., Mair, P. n., Fieler, J. n., Darocha, T. n., Blancher, M. n., de Riedmatten, M. n., Paal, P. n., Strapazzon, G. n., Zafren, K. n., Brodmann Maeder, et al
2020; 28: 104913
 - **Advancing The Evidence In Altitude And Wilderness Medicine.** *Journal of travel medicine*
Zafren, K. n., Shlim, D. R., Basnyat, B. n., Visser, J. n.
2020
 - **Sunscreen for Adventure Travel: Use Sun Protection Factor (SPF) 50 or Higher.** *Journal of travel medicine*
Zafren, K. n.
2020
 - **Wilderness Medical Society Clinical Practice Guidelines for the Out-of-Hospital Evaluation and Treatment of Accidental Hypothermia: 2019 Update.** *Wilderness & environmental medicine*
Dow, J., Giesbrecht, G. G., Danzl, D. F., Brugger, H., Sagalyn, E. B., Walpoth, B., Auerbach, P. S., McIntosh, S. E., Nemethy, M., McDevitt, M., Schoene, R. B., Rodway, G. W., Hackett, et al
2019
 - **Emergency Airways After Himalayan Black Bear Attacks in Bhutan.** *Wilderness & environmental medicine*
Mize, C. H., Dorji, L., Zafren, K.
2019

- **Pediatric High Altitude Cerebral Edema in the Nepal Himalayas.** *Wilderness & environmental medicine*
Church, B. J., Basnyat, B., Mattingly, B., Zafren, K.
2019
- **Cut-off values of serum potassium and core temperature at hospital admission for extracorporeal rewarming of avalanche victims in cardiac arrest: A retrospective multi-centre study** *RESUSCITATION*
Brugger, H., Bouzat, P., Pasquier, M., Mair, P., Fieler, J., Darocha, T., Blancher, M., de Riedmatten, M., Falk, M., Paal, P., Strapazzon, G., Zafren, K., Maeder, et al
2019; 139: 222–29
- **Successful Field Rewarming of a Patient with Apparent Moderate Hypothermia Using a Hypothermia Wrap and a Chemical Heat Blanket** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Phillips, D., Bowman, J., Zafren, K.
2019; 30 (2): 199–202
- **Successful Field Rewarming of a Patient with Apparent Moderate Hypothermia Using a Hypothermia Wrap and a Chemical Heat Blanket.** *Wilderness & environmental medicine*
Phillips, D., Bowman, J., Zafren, K.
2019
- **Cut-off values of serum potassium and core temperature at hospital admission for extracorporeal rewarming of avalanche victims in cardiac arrest: A retrospective multi-centre study.** *Resuscitation*
Brugger, H. n., Bouzat, P. n., Pasquier, M. n., Mair, P. n., Fieler, J. n., Darocha, T. n., Blancher, M. n., de Riedmatten, M. n., Falk, M. n., Paal, P. n., Strapazzon, G. n., Zafren, K. n., Brodmann Maeder, et al
2019
- **Prehospital administration of surfactant to a premature neonate in respiratory distress.** *Scandinavian journal of trauma, resuscitation and emergency medicine*
Mize, C. H., Dorji, L. n., Zafren, K. n.
2019; 27 (1): 95
- **Helicopter Critical Care Retrieval in a Developing Country: A Trauma Case Series from Bhutan.** *High altitude medicine & biology*
Mize, C. H., Evers, E. S., Dorji, L. n., Zafren, K. n.
2019
- **Wilderness Medical Society Practice Guidelines for the Prevention and Treatment of Acute Altitude Illness: 2019 Update.** *Wilderness & environmental medicine*
Luks, A. M., Auerbach, P. S., Freer, L. n., Grissom, C. K., Keyes, L. E., McIntosh, S. E., Rodway, G. W., Schoene, R. B., Zafren, K. n., Hackett, P. H.
2019
- **Wilderness Mass Casualty Incident (MCI): Rescue Chain After Avalanche at Everest Base Camp (EBC) In 2015** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Zafren, K., Brants, A., Tabner, K., Nyberg, A., Pun, M., Basnyat, B., Maeder, M.
2018; 29 (3): 401–10
- **Reported Resuscitation of a Hypothermic Avalanche Victim With Assisted Ventilation in 1939.** *Wilderness & environmental medicine*
Zafren, K., Atkins, D., Brugger, H.
2018; 29 (2): 275–77
- **International Commission for Mountain Emergency Medicine Consensus Guidelines for On-Site Management and Transport of Patients in Canyoning Incidents** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Strapazzon, G., Reisten, O., Argenone, F., Zafren, K., Zen-Ruffinen, G., Larsen, G. L., Soteras, I.
2018; 29 (2): 252–65
- **Management of Multi-Casualty Incidents in Mountain Rescue: Evidence-Based Guidelines of the International Commission for Mountain Emergency Medicine (ICAR MEDCOM)** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Blancher, M., Albasini, F., Elsensohn, F., Zafren, K., Hoelzl, N., McLaughlin, K., Wheeler, A. R., Roy, S., Brugger, H., Greene, M., Paal, P.
2018
- **In Response to Ibuprofen vs Acetaminophen in AMS Prevention by Kanaan et al Reply** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Kanaan, N. C., Peterson, A. L., Pun, M., Thapa, G. B., Tiwari, A., Basyal, B., Holck, P. S., Starling, J., Freeman, T. F., Gehner, J. R., Keyes, L., Levin, D. R., O'Leary, et al

2017; 28 (4): 385–87

- **Yarsagumba Fungus: Health Problems in the Himalayan Gold Rush** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Koirala, P., Pandit, B., Phuyal, P., Zafren, K.
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