

Stanford



Grant Lipman

Clinical Professor, Emergency Medicine

CLINICAL OFFICES

- **Stanford Emergency Medicine Dept**

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Bio

CLINICAL FOCUS

- Emergency Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Emergency Medicine

ADMINISTRATIVE APPOINTMENTS

- Editorial Board, Wilderness and Environmental Medicine, (2004-2017)
- Executive Board Member, American College of Emergency Physicians Section of Wilderness Medicine, (2006-2014)
- Medical Advisor, Stanford Outdoor Education, Stanford University, (2009- present)
- Director, ED Fast Track, Division of Emergency Medicine, Stanford University School of Medicine, (2012-2015)
- Medical Advisor, California Outward Bound, (2012- present)
- Director, Wilderness Medicine Fellowship, Stanford Department of Emergency Medicine, (2015- present)
- Director, Wilderness Medicine Section, Stanford Department of Emergency Medicine, (2017- present)
- Chair of Research Council, Wilderness Medical Society, (2018- present)
- Editorial Board, High Altitude Medicine & Biology, (2018- present)

HONORS AND AWARDS

- Research Award, Wilderness Medical Society (2013)
- 2014 ACEP Service to Section Award, American College of Emergency Physicians (2014)
- Top 25 Papers of 2012 in Annals of Emergency Medicine, ScienceDirect (2013)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Research Director, RacingThePlanet (2011 - present)
- Medical Advisory Board, RacingThePlanet (2011 - present)

PROFESSIONAL EDUCATION

- Residency: St Lukes Roosevelt Hospital Emergency Medicine Residency (2004) NY
- Medical Education: St Georges University School of Medicine Grenada West Indies (2001) NY West Indies
- Board Certification: Emergency Medicine, American Board of Emergency Medicine (2005)
- BA, Connecticut College , Environmental Studies (1995)
- MD, St. George's School of Medicine , Medicine (2001)
- Residency, St. Luke's -Roosevelt Hospital , Emergency Medicine (2004)
- Fellow, Stanford University Hospital , Wilderness Medicine (2005)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Examination of novel devices and medications for the prevention of acute mountain sickness. Examination of epidemiology of injuries in ultra-marathon runners including, exercise-associated hyponatremia, hypernatremia, acute kidney injury (AKI), and blisters. Randomized trials on potential blister prevention techniques and a double-blind placebo controlled RCT examining the relationship between non-steroidal anti-inflammatories and AKI. Translational studies of novel interventions for cooling hyperthermia and warming hypothermia. Wilderness Medicine education and training.

GRANTS

2016 RacingThePlanet© Research Grant

RacingThePlanet© – Hong Kong

2015 AAC Research Grant

American Alpine Club

2015 Igor Gamow High Altitude Research Grant

Institute for Altitude Medicine, Telluride, CO

2015 RacingThePlanet© Research Grant

RacingThePlanet© – Hong Kong

2014 RacingThePlanet© Research Grant

RacingThePlanet© – Hong Kong

2013 WMS Research-In-Training Grant (SLEEP-AID)

Wilderness Medical Society

2013 RacingThePlanet© Research Grant

RacingThePlanet© – Hong Kong

2010 Emergency Medicine Research Grant

Division of Emergency Medicine, Stanford University School of Medicine

CLINICAL TRIALS

- Altitude Sickness Prevention and Efficacy of Comparative Treatments, Not Recruiting
- Chemical Ice Packs for Cooling Hyperthermic Patients, Not Recruiting
- Non-steroidal Anti-inflammatory Affect on Kidneys in Endurance Distances, Not Recruiting
- Prevention of Altitude Illness With Non-steroidal Anti-inflammatory Study (PAINS), Not Recruiting
- Prevention Trial Assessing Paper-Tape in Endurance Distances (PreTAPED), Not Recruiting
- Prevention Trial Assessing Paper-Tape in Endurance Distances II (Pre-TAPED II), Not Recruiting
- Study Looking at End Expiratory Pressure for Altitude Illness Decrease (SLEEP-AID), Not Recruiting

Teaching

COURSES

2018-19

- Basic Cardiac Life Support: CPR for the layperson responder: EMED 110 (Aut, Win, Spr)
- Wilderness First Aid: EMED 124 (Aut, Win, Spr, Sum)
- Wilderness First Responder: EMED 126 (Aut, Win, Spr)
- Wilderness Medicine: Continued practical experience for high-quality care: EMED 128 (Aut, Win, Spr)

2017-18

- Basic Cardiac Life Support for Undergraduates: EMED 110 (Aut, Win, Spr)
- Wilderness First Aid: EMED 224 (Aut, Win, Spr, Sum)
- Wilderness First Responder: EMED 226 (Aut, Win, Spr)

2016-17

- Basic Cardiac Life Support for Undergraduates: EMED 110 (Aut, Win, Spr)
- Wilderness First Aid: EMED 224 (Aut, Win, Spr, Sum)
- Wilderness First Responder: EMED 226 (Aut, Win, Spr)
- Wilderness Medicine: EMED 223 (Spr)
- Wilderness Medicine: Continued practical experience for high-quality care: EMED 225 (Aut, Win)

Publications

PUBLICATIONS

- **Paper Tape Prevents Foot Blisters: A Randomized Prevention Trial Assessing Paper Tape in Endurance Distances II (Pre-TAPED II).** *Clinical journal of sport medicine*
Lipman, G. S., Sharp, L. J., Christensen, M., Phillips, C., DiTullio, A., Dalton, A., Ng, P., Shangkuan, J., Shea, K., Krabak, B. J.
2016; 26 (5): 362-368
- **Wilderness medical society practice guidelines for the prevention and treatment of heat-related illness.** *Wilderness & environmental medicine*
Lipman, G. S., Eifling, K. P., Ellis, M. A., Gaudio, F. G., Otten, E. M., Grissom, C. K.
2013; 24 (4): 351-361
- **Ibuprofen Prevents Altitude Illness: A Randomized Controlled Trial for Prevention of Altitude Illness With Nonsteroidal Anti-inflammatories** *ANNALS OF EMERGENCY MEDICINE*
Lipman, G. S., Kanaan, N. C., Holck, P. S., Constance, B. B., Gertsch, J. H.

2012; 59 (6): 484-490

- **Interstitial Pulmonary Edema Assessed by Lung Ultrasound on Ascent to High Altitude and Slight Association with Acute Mountain Sickness: A Prospective Observational Study** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Alsop, C., Lipman, G. S., Pomeranz, D., Huang, R., Burns, P., Juul, N., Phillips, C., Jurkiewicz, C., Cheffers, M., Evans, C., Saraswathula, A., Baumeister, P., Lai, et al
2019
- **Large-Volume Hypertonic Saline for Empiric Treatment of Severe Exercise-Associated Hyponatremia in an Ultramarathon Runner** *CURRENT SPORTS MEDICINE REPORTS*
Pomeranz, D., Irwin, C., Lipman, G. S.
2019; 18 (5): 163-65
- **Accuracy of Estimated Creatinine in Multistage Ultramarathon Runners.** *Wilderness & environmental medicine*
Little, C. E., Lipman, G. S., Migliaccio, D., Young, D. S., Krabak, B. J.
2019
- **Snakebites and climate change in California, 1997-2017** *CLINICAL TOXICOLOGY*
Phillips, C., Lipman, G. S., Gugelmann, H., Doering, K., Lung, D.
2019; 57 (3): 168-74
- **Altitude Sickness Prevention with Ibuprofen Relative to Acetazolamide** *AMERICAN JOURNAL OF MEDICINE*
Burns, P., Lipman, G. S., Warner, K., Jurkiewicz, C., Phillips, C., Sanders, L., Soto, M., Hackett, P.
2019; 132 (2): 247-51
- **Interstitial Pulmonary Edema Assessed by Lung Ultrasound on Ascent to High Altitude and Slight Association with Acute Mountain Sickness: A Prospective Observational Study.** *High altitude medicine & biology*
Alsop, C., Lipman, G. S., Pomeranz, D., Huang, R. W., Burns, P., Juul, N., Phillips, C., Jurkiewicz, C., Cheffers, M., Evans, C., Saraswathula, A., Baumeister, P., Lai, et al
2019
- **How variability in pain and pain coping relate to pain interference during multistage ultramarathons.** *Pain*
Alschuler, K. N., Kratz, A. L., Lipman, G. S., Krabak, B. J., Pomeranz, D., Burns, P., Bautz, J., Nordeen, C., Irwin, C., Jensen, M. P.
2019; 160 (1): 257-62
- **Wilderness Medical Society Practice Guidelines for the Prevention and Treatment of Heat Illness: 2019 Update.** *Wilderness & environmental medicine*
Lipman, G. S., Gaudio, F. G., Eifling, K. P., Ellis, M. A., Otten, E. M., Grissom, C. K.
2019
- **Day of Ascent Dosing of Acetazolamide for Prevention of Acute Mountain Sickness.** *High altitude medicine & biology*
Lipman, G. S., Jurkiewicz, C., Winstead-Derlega, C., Navlyt, A., Burns, P., Walker, A., Phillips, C., Reilly, A., Burnier, A., Romero, J., Warner, K., Hackett, P.
2019
- **Large-Volume Hypertonic Saline for Empiric Treatment of Severe Exercise-Associated Hyponatremia in an Ultramarathon Runner.** *Current sports medicine reports*
Pomeranz, D., Irwin, C., Lipman, G. S.
2019; 18 (5): 163-65
- **How variability in pain and pain coping relate to pain interference during multistage ultramarathons** *PAIN*
Alschuler, K. N., Kratz, A. L., Lipman, G. S., Krabak, B. J., Pomeranz, D., Burns, P., Bautz, J., Nordeen, C., Irwin, C., Jensen, M. P.
2019; 160 (1): 257-62
- **Altitude Sickness Prevention with Ibuprofen Relative to Acetazolamide.** *The American journal of medicine*
Burns, P., Lipman, G. S., Warner, K., Jurkiewicz, C., Phillips, C., Sanders, L., Soto, M., Hackett, P.
2018
- **Snakebites and climate change in California, 1997-2017.** *Clinical toxicology (Philadelphia, Pa.)*
Phillips, C., Lipman, G. S., Gugelmann, H., Doering, K., Lung, D.
2018: 1-7
- **IMAGES IN EMERGENCY MEDICINE DIAGNOSIS: Volar dislocation of the ulna at the distal radioulnar joint** *ANNALS OF EMERGENCY MEDICINE*

- Sakamoto, J. T., Lipman, G. S.
2018; 72 (3): 254+
- **Woman With Pain and Deformity in Left Wrist.** *Annals of emergency medicine*
Sakamoto, J. T., Lipman, G. S.
2018; 72 (3): 254–69
 - **Budesonide Versus Acetazolamide for Prevention of Acute Mountain Sickness** *AMERICAN JOURNAL OF MEDICINE*
Lipman, G. S., Pomeranz, D., Burns, P., Phillips, C., Cheffers, M., Evans, K., Jurkiewicz, C., Juul, N., Hackett, P.
2018; 131 (2)
 - **Budesonide Versus Acetazolamide for Prevention of Acute Mountain Sickness.** *The American journal of medicine*
Lipman, G. S., Pomeranz, D., Burns, P., Phillips, C., Cheffers, M., Evans, K., Jurkiewicz, C., Juul, N., Hackett, P.
2018; 131 (2)
 - **Exercise-Associated Hyponatremia, Hypernatremia, and Hydration Status in Multistage Ultramarathons** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Krabak, B. J., Lipman, G. S., Waite, B. L., Rundell, S. D.
2017; 28 (4): 291–98
 - **In Response to Ibuprofen vs Acetaminophen in AMS Prevention by Kanaan et al** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Lipman, G. S., Hackett, P.
2017; 28 (4): 383–85
 - **Ibuprofen versus placebo effect on acute kidney injury in ultramarathons: a randomised controlled trial** *EMERGENCY MEDICINE JOURNAL*
Lipman, G. S., Shea, K., Christensen, M., Phillips, C., Burns, P., Higbee, R., Koskenoja, V., Eifling, K., Krabak, B. J.
2017; 34 (10): 637–42
 - **Hydration Status as a Predictor of High-altitude Mountaineering Performance (vol 8, e918, 2016)** *CUREUS*
Ladd, E., Shea, K. M., Bagley, P., Auerbach, P. S., Pirrotta, E. A., Wang, E., Lipman, G.
2017; 9 (9): c10
 - **Correction: Biochemistry in Endeavor Adventure Racers Study (BEARS).** *Cureus*
Wetschler, M., Radler, D., Christensen, M., Rundell, S., Lipman, G.
2017; 9 (6): c9
 - **A Novel Cooling Method and Comparison of Active Rewarming of Mildly Hypothermic Subjects.** *Wilderness & environmental medicine*
Christensen, M. L., Lipman, G. S., Grahn, D. A., Shea, K. M., Einhorn, J., Heller, H. C.
2017
 - **Correction: Hydration Status as a Predictor of High-altitude Mountaineering Performance.** *Cureus*
Ladd, E., Shea, K. M., Bagley, P., Rundell, S., Auerbach, P. S., Pirrotta, E. A., Wang, E., Lipman, G. S.
2017; 9 (2): c7
 - **Biochemistry in Endeavor Adventure Racers Study (BEARS).** *Cureus*
Wetschler, M., Radler, D., Christensen, M., Lipman, G.
2017; 9 (2)
 - **Biochemistry in Endeavor Adventure Racers Study (BEARS)** *CUREUS*
Wetschler, M., Radler, D., Christensen, M., Lipman, G.
2017; 9 (2)
 - **Exercise-Associated Hyponatremia, Hypernatremia, and Hydration Status in Multistage Ultramarathons.** *Wilderness & environmental medicine*
Krabak, B. J., Lipman, G. S., Waite, B. L., Rundell, S. D.
2017; 28 (4): 291–98
 - **Evidence-Based Review of Wilderness First Aid Practices** *JOURNAL OF OUTDOOR RECREATION EDUCATION AND LEADERSHIP*
Schimelpfenig, T., Johnson, D. E., Lipman, G. S., McEvoy, D. H., Bennett, B. L.
2017; 9 (2): 217–39
 - **Hydration Status as a Predictor of High-altitude Mountaineering Performance** *CUREUS*
Ladd, E., Shea, K. M., Bagley, P., Auerbach, P. S., Pirrotta, E. A., Wang, E., Lipman, G. S.

2016; 8 (12)

- **Incidence and Prevalence of Acute Kidney Injury During Multistage Ultramarathons** *CLINICAL JOURNAL OF SPORT MEDICINE*
Lipman, G. S., Krabak, B. J., Rundell, S. D., Shea, K. M., Badowski, N., Little, C.
2016; 26 (4): 314-319
- **The 6-Minute Walk Test as a Predictor of Summit Success on Denali** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Shea, K. M., Ladd, E. R., Lipman, G. S., Bagley, P., Pirrotta, E. A., Vongsachang, H., Wang, N. E., Auerbach, P. S.
2016; 27 (1): 19-24
- **Reply.** *Journal of ultrasound in medicine*
Kanaan, N. C., Lipman, G. S., Constance, B. B., Holck, P. S., Preuss, J. F., Williams, S. R.
2016; 35 (2): 458-459
- **Reply.** *Journal of ultrasound in medicine*
Kanaan, N. C., Lipman, G. S., Constance, B. B., Holck, P. S., Preuss, J. F., Williams, S. R.
2016; 35 (2): 456-457
- **Hydration Status as a Predictor of High-altitude Mountaineering Performance.** *Cureus*
Ladd, E., Shea, K. M., Bagley, P., Rundell, S., Auerbach, P. S., Pirrotta, E. A., Wang, E., Lipman, G. S.
2016; 8 (12)
- **A Chemical Heat Pack-Based Method For Consistent Heating of Intravenous Fluids** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Declerck, M. P., Lipman, G. S., Grahn, D. A., Cao, V., Wieland, M., Troxel, T., Heller, H. C.
2015; 26 (3): 412-416
- **Optic Nerve Sheath Diameter Increase on Ascent to High Altitude Correlation With Acute Mountain Sickness** *JOURNAL OF ULTRASOUND IN MEDICINE*
Kanaan, N. C., Lipman, G. S., Constance, B. B., Hoick, P. S., Preuss, J. F., Williams, S. R.
2015; 34 (9): 1677-1682
- **Novel Application of Chemical Cold Packs for Treatment of Exercise-Induced Hyperthermia: A Randomized Controlled Trial** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Lissoway, J. B., Lipman, G. S., Grahn, D. A., Cao, V. H., Shaheen, M., Phan, S., Weiss, E. A., Heller, H. C.
2015; 26 (2): 173-179
- **Improved Method for Increasing the Temperature of an i-STAT Analyzer and Cartridge in Cold Environments** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Radler, D., Wetschler, M., Christensen, M., Lipman, G. S.
2015; 26 (2): 280-82
- **Blisters: the enemy of the feet.** *Wilderness & environmental medicine*
Lipman, G. S., Scheer, B. V.
2015; 26 (2): 275-276
- **Study Looking at End Expiratory Pressure for Altitude Illness Decrease (SLEEP-AID)** *HIGH ALTITUDE MEDICINE & BIOLOGY*
Lipman, G. S., Kanaan, N. C., Phillips, C., Pomeranz, D., Cain, P., Fontes, K., Higbee, B., Meyer, C., Shaheen, M., Wentworth, S., Walsh, D.
2015; 16 (2): 154-161
- **Correct wilderness medicine definitions and their impact on care.** *Sports medicine*
Lipman, G. S.
2015; 45 (4): 601-602
- **In response to: Canadian Academy of Sport and Exercise Medicine position statement: athletes at high altitude.** *Clinical journal of sport medicine*
Lipman, G. S., Kanaan, N. C.
2015; 25 (2): 173-?
- **Effect of an emergency department fast track on press-ganey patient satisfaction scores.** *The western journal of emergency medicine*
Hwang, C. E., Lipman, G. S., Kane, M.
2015; 16 (1): 34-38

- **The 6-Minute Walk Test as a Predictor of Summit Success on Denali.** *Wilderness & environmental medicine*
Shea, K. M., Ladd, E. R., Lipman, G. S., Bagley, P., Pirrotta, E. A., Vongsachang, H., Wang, N. E., Auerbach, P. S.
2015
- **Wilderness medical society practice guidelines for the prevention and treatment of heat-related illness: 2014 update.** *Wilderness & environmental medicine*
Lipman, G. S., Eifling, K. P., Ellis, M. A., Gaudio, F. G., Otten, E. M., Grissom, C. K.
2014; 25 (4): S55-65
- **Evaluation and Treatment of Injury and Illness in the Ultramarathon Athlete** *PHYSICAL MEDICINE AND REHABILITATION CLINICS OF NORTH AMERICA*
Krabak, B. J., Waite, B., Lipman, G.
2014; 25 (4): 845-?
- **Evaluation and treatment of injury and illness in the ultramarathon athlete.** *Physical medicine and rehabilitation clinics of North America*
Krabak, B. J., Waite, B., Lipman, G.
2014; 25 (4): 845-863
- **Medical Services at Ultra-Endurance Foot Races in Remote Environments: Medical Issues and Consensus Guidelines** *SPORTS MEDICINE*
Hoffman, M. D., Pasternak, A., Rogers, I. R., Khodae, M., Hill, J. C., Townes, D. A., Scheer, B. V., Krabak, B. J., Basset, P., Lipman, G. S.
2014; 44 (8): 1055-1069
- **Keeping a broad perspective: Reply regarding the Wilderness Medical Society practice guidelines for the prevention and treatment of heat-related illness.** *Wilderness & environmental medicine*
Lipman, G. S., Eifling, K. P., Ellis, M. A., Gaudio, F. G., Otten, E. M., Grissom, C. K.
2014; 25 (2): 251-252
- **The importance of keeping cool: Reply regarding the Wilderness Medical Society practice guidelines for the prevention and treatment of heat-related illness.** *Wilderness & environmental medicine*
Lipman, G. S., Eifling, K. P., Ellis, M. A., Gaudio, F. G., Otten, E. M., Grissom, C. K.
2014; 25 (2): 247-249
- **Core Content for Wilderness Medicine Fellowship Training of Emergency Medicine Graduates** *ACADEMIC EMERGENCY MEDICINE*
Lipman, G. S., Weichenthal, L., Harris, N. S., McIntosh, S. E., Cushing, T., Caudell, M. J., Macias, D. J., Weiss, E. A., Lemery, J., Ellis, M. A., Spano, S., McDevitt, M., Tedeschi, et al
2014; 21 (2): 204-207
- **A Prospective Cohort Study of Acute Kidney Injury in Multi-stage Ultramarathon Runners: The Biochemistry in Endurance Runner Study (BIERS).** *Research in sports medicine*
Lipman, G. S., Krabak, B. J., Waite, B. L., Logan, S. B., Menon, A., Chan, G. K.
2014; 22 (2): 185-192
- **Two cases of paradoxical hypothermia in a Sahara desert multi-stage ultramarathon** *EMERGENCY CARE JOURNAL*
Kaufman, E. A., Lipman, G. S., Sharp, L. J., Krabak, B. J.
2014; 10 (2): 80-82
- **A Prospective Randomized Blister Prevention Trial Assessing Paper Tape in Endurance Distances (Pre-TAPED)** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Lipman, G. S., Ellis, M. A., Lewis, E. J., Waite, B. L., Lissoway, J., Chan, G. K., Krabak, B. J.
2014; 25 (4): 457-461
- **Clinical practice guidelines for treatment of exercise-associated hyponatremia.** *Wilderness & environmental medicine*
Lipman, G. S.
2013; 24 (4): 466-468
- **Ibuprofen for prevention of acute mountain sickness: is bigger really better?** *Wilderness & environmental medicine*
Lipman, G. S., Kanaan, N. C.
2013; 24 (2): 177-178
- **Injury and illnesses prevention for ultramarathoners.** *Current sports medicine reports*
Krabak, B. J., Waite, B., Lipman, G.

2013; 12 (3): 183-189

- **Chemical Cold Packs May Provide Insufficient Enthalpy Change for Treatment of Hyperthermia** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Phan, S., Lissoway, J., Lipman, G. S.
2013; 24 (1): 37-41
- **Pharmacologic Prevention for Acute Mountain Sickness-Lack of Appropriate Inclusion of the Available Evidence** *ANNALS OF EMERGENCY MEDICINE*
Lipman, G. S., Gertsch, J. H.
2012; 60 (4): 538-539
- **Biochemistry In Endurance Runners Study: Electrolyte Changes During Multi-day Ultra-Endurance Running**
Bruso, J. R., Waite, B., Lipman, G., Menon, A., Moore, M., Krabak, B.
SPRINGER.2012: 678
- **Optic Nerve Sheath Diameter Changes on Ascent to High Altitude** *Annual Research Forum of the American-College-of-Emergency-Physicians*
LIPMAN, G. S., Kanaan, N., Constance, B., Holck, P., Grimm, E., Jeffrey, G., Williams, S.
MOSBY-ELSEVIER.2011: S185-S186
- **Biochemistry In Endurance Runners Study: Electrolyte Changes During Multi-day Ultra-Endurance Running**
Bruso, J. R., Waite, B., Lipman, G., Menon, A., Moore, M., Krabak, B.
LIPPINCOTT WILLIAMS & WILKINS.2011: 678
- **Prospective, Double-Blind, Randomized, Placebo-Controlled Comparison of Acetazolamide Versus Ibuprofen for Prophylaxis Against High Altitude Headache: The Headache Evaluation at Altitude Trial (HEAT)** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Gertsch, J. H., Lipman, G. S., Holck, P. S., Merritt, A., Mulcahy, A., Fisher, R. S., Basnyat, B., Allison, E., Hanzelka, K., Hazan, A., Meyers, Z., Odegaard, J., Pook, et al
2010; 21 (3): 236-243
- **Possible Unilateral Ultraviolet Keratoconjunctivitis During an Expedition-Length Desert Race** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Lipman, G. S., Constance, B. B., Ladbrook, M.
2010; 21 (2): 171-172
- **Carbon monoxide toxicity at high altitude** *WILDERNESS & ENVIRONMENTAL MEDICINE*
Lipman, G. S.
2006; 17 (2): 144-145
- **Survival rates and cardiopulmonary resuscitation** *CRITICAL CARE MEDICINE*
Borzotta, A., Lipman, G., Dunn, P. M.
1998; 26 (7): 1293-1294