1. **Assessment of Level 1 EM Milestones In Incoming Interns**  
   Samantha Hauff, MD; Marcia Perry, MD; Laura Hopson, MD; James Mattimore, MD; Eve Losman, MD; Jan Busby-Whitehead, MD

2. **Using Established procedural conference sessions to assess Milestone Achievement**  
   Mary Jo Wagner, MD

3. **How Do Practicing EM Attendings Self-Evaluate on the EM Milestones?**  
   Timothy Peck, MD; Jonathan Fisher, MD, MPH; Nicole Dubosh, MD; Carrie Tibbles, MD; Carlo Rosen, MD; Justin Rose, DO; Natasha Wheaton, MD; David Salzman, MD

4. **The Modified Delphi Technique to Rank NAS Milestones for Simulation Assessment**  
   James Ahn, MD; Danielle Hart, MD

5. **The National Emergency Medicine M4 Exam - an Update**  
   Corey Heitz, MD; Michael Beeson, MD; Emily Senecal, MD

6. **Direct Post-shift Peer Evaluations in the Emergency Department**  
   Jayna Gardner-Gray, MD; Bahareh Aslani, MD; Angela Pugliese, MD; Christopher Lewandowski, MD;

7. **Can we rely on EM resident self-assessment of EM knowledge?**  
   Katherine Jahnes, MD; Grant Wei, MD; Jaime Jordan, MD; David Lisbon, MD; Lucienne Lutfy-Clayton, MD; Nestor Rodriguez, MD

8. **The relationship between patient follow up and deliberate practice in emergency medicine education: a review of the literature.**  
   Rodney Omron, MD; Michael Van Meter, MD; Lauren Conlon, MD; Ankur Doshi, MD; Jenna Fredette, MD

9. **Are patients treated by residents as satisfied as those treated by mid-level providers or attendings?**  
   Gregg Husk, MD; Min Wang, MD; Stephen Lowery, MD; Saadia Akhtar, MD

10. **Characterization of the CORD SLOR in 2011-2012**  
    Jeffrey Love, MD, MSc; Sarah Ronan, MD; Nicole Deiorio, MD; John Howell, MD; Christopher Doty, MD; Adriana Segura, MD

11. **Development and Implementation of a Novel Resident-Resident Peer Evaluation Tool in an Emergency Medicine Residency**  
    Lauren Gallagher, MD; Nicholas Hartman, MD; Melissa Marinelli, MD; Matthew Patton, MD; Conor Schaye, MD

12. **Differing trends in the current evaluation of resident performance: How does this help determine how to best evaluate the Milestone competencies?**  
    David Diller, MD; Daniel Egan, MD; Mark Clark, MD

    Meghan Spyres, MD; Annalee Baker, MD; Rachel Berkowitz, MD; Anand Swaminathan, MD, MPH
14. Evaluation of a revised orthopedic curriculum for emergency medicine residents
Adriana Segura, MD; Jacqueline Khorasanee, MD; Danielle McCarthy, MD; George Chiampas, DO; Matthew Levine, MD

15. Factors Affecting Resident Perception of Faculty Entrustment of Autonomy
Benjamin Bassin, MD; Margaret Wolff, MD; Laura Hopson, MD; Kathleen Saxon, MD; Nadia Juneja, MD; Lisa Moreno-Walton, MD

16. Performance on COMLEX-USA Exams Predicts Performance on EM Residency In-training Exams
Deborah Pierce, DO, MS; Milciades Mirre-Gonzalez, MD; Merle Carter, MD; Dily Ngu, MD; Yidy Salamanca, MD; Kevin Biese, MD, MAT

17. Predictors of Success in Emergency Medicine Training
Rahul Bhat, MD; Manish Garg, MD; Rodney Omron, MD; Kay Takenaka, MD; Yoon Soo Park, PhD

Stacey MD, JD

19. Self-regulated Learning and Study Time Allotment
Sally Santen, MD, PhD; Jeff Love, MD; Ted Stettner, MD; Larry Gruppen, PhD

20. Agreement Between Global Assessment and Individual Competencies of Medical Student Performance
David Chiu, MD; Edward Ullman, MD; Jennifer Pope, MD; Carrie Tibbles, MD; Carlo, MD; Charles Johnson; Wendy Coates, MD

21. Correlation of a National Emergency Medicine Clerkship Exam with USMLE Examination Performance
Luan Lawson, MD; David Musick, PhD

22. Qualitative Analysis of Medical Student Reflections on Ethics in the Emergency Department
Joseph House, MD; Andrea Fuhrel-Forbis, MD; Nikhil Theyyuni, MD; Andrew Barnosky, DO, MPH; Dawn Amb; David Lane, MD

23. The Efficacy of Electronic Versus Paper Medical Student Evaluations
David Chiu, MD; Edward Ullman, MD; Jennifer Pope, MD; Carrie Tibbles, MD; Carlo Rosen, MD; Jennifer Pope, MD

Katarzyna MD

25. A Survey of Emergency Medicine Residents' Perceptions of ED-Based Pharmacist Education Sessions
Michael Bohrn, MD; David Vega, MD; Elizabeth Hall, MD; Rebecca Bluett; Jennifer Sullivan, Pharm.D.; Thea James, MD; Li Lee Peng, MBBS; Gloria Kuhn, DO PhD

26. An Honors Curriculum Promoting Academic Careers in Emergency Medicine
Diane Gorgas, MD; Jillian Schwaab, MD; Sarah Greenberger, MD

27. Didactic Curricula in the 21st Century: using iTunesU as a novel Emergency Medicine curriculum deployment device
Janis Tupesis, MD; Will Sanderson, MD; Carrie Voss-Harvey, MD; Matt Anderson, MD; Katy Oksuita, MS; John Kragh, MD; Patti Dawson, BS
28. ECG Interpretation: Improving Competency Through the Development of a Standardized Curriculum
   Alison MD

29. Emergency Medicine Interpersonal Communication Skills Curriculum
   Marquita Hicks, MD; Pooja Gajare,; Lisa Moreno-Walton, MD, MS, MSCR

30. Environmental Emergencies Amazing Race
   Nestor Rodriguez, MD; Alex Ebinger, MD; Katy Oksuita, MS; Janet Niewold, MA; Janis Tupesis, MD

31. Mock Court: A novel curriculum element to teach chart review, improved cared and better documentation.
   Ryan Shanks, MD MS; Graham Snyder, MD

32. PGY Specific Conference in Emergency Medicine
   Ray Lucas, MD; Colleen Roche, MD; Keith Bonifce, MD

33. Teaching the Pediatric Assessment Triangle Using Online Video Cases
   Matthew Hansen, MD; David Spiro, MD, MPH

34. Teams Teaching Other Teams: An Interactive Educational Session
   Chandra Aubin, MD; Rebecca Bavolek, MD; Evan Schwarz, MD

35. The July Course: A Curricular Model for Transitioning Medical Students to Residents
   Cara Conrad, MD; Christine Ahn, MD; Gregory Garra, DO

36. The Use of Resident-Led Teams in a Performance Improvement Curriculum
   David Vega, MD; Ron Benenson, MD; Jim Amsterdam, MD; Brian Yetter, PhD

37. Working with the Community to Teach Professionalism in Difficult Emergency Department (ED) Communications
   Lisa Moreno-Walton, MD,MS, MSCR; Julie Slick, MD

38. Critical Actions in Common Floor Emergencies 2012 - Introducing a multimodal case-based approach to undergraduate medical education
   Nelson Wong, MD; Scott Goldberg, MD; Christopher Strother, MD

39. Effectiveness of Emergency Medicine Experience in Third Year Integrated Longitudinal Medical Student Programs
   Kenny Banh, MD; Rene Ramirez, MD

40. Implementation of a Simulated "Night on Call" Experience within a Capstone Course at One U.S. Medical School
   David Wald, DO; Alisa Peet, MD; Jane Cripe, BS; Michael Curtis, BA

41. Innovation in Education: Integration of Emergency Medicine in the preclinical years with a first year course, "Introduction to Emergency Medicine."
   Amy Leuthauser, MD

42. Social Media Utilization for Education, Communication, and Assessment in the Undergraduate Medical Curriculum
   Brian Adkins, MD; Seth Stearley, MD; Matt Dawson, MD; Scott Morehead, MD; Chris Doty, MD

43. Using an Online Discussion Board for Asynchronous Learning in an Emergency Medicine Curriculum
   Christine Zink, MD; Christopher Zernal; Salim Rezaie, MD; Dan Mosely, MD
44. Variability by Institution in Emergency Medicine Inservice Reviews with Audience Response Units
   Jaime Jordan, MC; Sally Santen, MD, PhD; Lucienne Lutfy-Clayton, MD; Grant Wei, MD;
   Katherine Jahnes, MD

45. A Brief Educational Intervention Designed to Impact Emotional Intelligence Score in Emergency
    Medicine Residents
   Diane Gorgas, MD; Sarah Greenberger, MD; David Way, Med

46. A survey of the current utilization of asynchronous education among emergency medicine
    residents in the United States
   Sarah Schlein, MD; Megan Fix, MD; Shaneen Doctor, MD; Susan Stroud, MD; Matthew Dawson,
   MD; Marcia Perry, MD; Wendy Coates, MD

47. Apples and Oranges? An evaluation of 4-year Emergency Medicine residencies using program
    websites and the SAEM residency directory.
   Daniel Runde, MD; Chen He, MD; Megan Fix, MD; Daniel Egan, MD

48. Asynchronous eLearning Module in Orthopedics is an Effective Method of Knowledge Acquisition
    for Emergency Medicine Residents
   Jonathan Bronner, MD; Geoffrey Murphy, MD; David Pearson, MD

49. Development and Implementation of an Asynchronous Curriculum Using a Web-based Platform
    Josh Kornegay, MD; Katrina Leone, MD; Clare Wallner, MD; Matthew Hansen, MD; Lalena Yarris,
    MD, MCR

50. Effects of Team Training on 4th Year Medical Student Management of Simulated Critically Ill
    Patients
    Daniel Runde, MD; Edward Ha, MD; Jaime Jordan, MD; Jamie Stiner; Azadeh Jalali, MA; Yue Ming
    Huang, EdD; Steven Horng, MD; Larry Nathanson, MD; Jonathan Fisher, MD, MPH

51. First think Delirium! An Effective Way to Teach Residents and Fellows about Delirium
    Lindsay Wilson, MD; Ellen Roberts, PhD, MPH; ; D Hollar; Nikki Waller, MD; Sanjeev Malik, MD;
    Sally Santen, MD, PhD

52. The Prevalence of Lesbian, Gay, Bisexual, and Transgendered (LGBT) Health Education &Training
    in Emergency Medicine (EM) Residency Programs: What do we know?
    Paul Krieger, MD; Joel Moll, MD; Benjamin Lee, BS, MPH; Sheryl Heron, MD, MPH; Theodore
    Corbin, MD, MPP; Thea James, MD; Dustin Hill, MD, MS; Susan B Podolsky, MD, MPP; Ellen
    Slaven, MD; Lisa Moreno-Walton, MD, MS, MSCR

53. Online Modules as an Asynchronous Supplement to Emergency Medicine Residency Toxicology
    Education
    Jennifer Werner, MD; Jordan Guffin, MD; Michele Dorfsman, MD

54. Deliberate Practice for Development of Expertise in Basic Cardiopulmonary Resuscitation Skills
    David Scordino, MD; Elizabeth Hunt, MD; Nicole Shilkofski, MD; Benjamin Murphy, MD; Julianna
    Jung, MD; Rebecca Prepeichal, MD; Sally Santen, MD, PhD

55. Directing Medical Students to a Comprehensive Set of Chief Complaints can Standardize their
    Clinical Experience
    Timothy Peck, MD; Jonathan Fisher, MD; Anand Swaminathan, MD, MPH

56. Dual Learning in an Emergency Medicine Clerkship
    Jaime Jordan, MD; Joshua Elder, MD; Sebastian Uijtdehaage, PhD; Wendy Coates, MD
57. **Text Messaging Enhanced Curriculum for Medical Student Emergency Medicine Clerkship**  
   Alisa Hayes, MD; Cris Mandry, MD; Wirachin Hoonponsimanont, MD; Joshua Schiller, MD;  
   Marjorie White, MD; Charles Cairns, MD; Cullen Hegarty, MD  

58. **An Online Teaching Module to Improve Critical Care Monitoring**  
   Joseph Habboushe, MD, MBA; Jonathin Azouli, MD; Eric Steinberg, DO  

59. **A Mechanism To Promote Faculty Involvement In Nonclinical Activities**  
   David Saloum, MD; Brian Gillett, MD; Amish Aghera, MD; Karen Lind, MD; Justin Ryel, MD  

60. **An Effective Remediation Program To Improve In-Training Exam Scores**  
   David Saloum, MD; Suzanne Bialeck, MD; Sergey Motov, MD; Jonathan Rose, MD; Amish Aghera,  
   MD; Charles Johnson; Dustin Hill, MD,MS; Susan Podolsky, MD, MPP; Ellen Slaven, MD; Lisa  
   Moreno-Walton, MD, MS, MSCR  

61. **Identifying Predictive Factors for Degradation of Intubation Skills**  
   Brian Gillett, MD; David Saloum, MD; Amish Aghera, MD; Emil Soleyman, MD; Suzanne Bialeck,  
   MD; Nicole Acquisto, PharmD; Kaushal Shah, MD  

62. **Characteristics of the Emergency Medicine Clerkship Director**  
   David Wald, DO; Sorabh Khandelwal, MD; David Manthey, MD; David Way, PhD; Douglas Ander,  
   MD; Lorraine Thibodeau, MD; Jan Busby-Whitehead, MD  

63. **Activated Learning in Global Health Education - A Pilot Study**  
   Jaime Jordan, MD; Hoffman Risa, MD; Gitanjli Arora, MD; Stacey Yudin; Wendy Coates, MD;  
   John Howell, MD; Steven Horng, MD; Larry Nathanson, MD; Jonathan Fisher, MD, MPH  

64. **Emergency Medicine Resident Clinical Hours in the Emergency Department: A National Survey**  
   Taher Vohra, MD; Samuel Luber, MD, MPH  

65. **Evaluation of How Emergency Medicine Resident Satisfaction is Affected by Adoption of  
    Computer-Assisted Clinical Scheduling**  
   Tara Wayt, DO; Shawn London, MD  

66. **Frequent Interruptions Do Not Impact Critical Decision Making by Emergency Medicine Residents  
    and Attendings**  
   Jonathan Jones, MD; Joshua Boyd, MS 4; Elisha DeKoning, MD; Laura Ruhland; Kevin Biese, MD;  
   John Marshall, MD; Jeffrey Love, MD  

67. **The Council of Emergency Medicine Residency Directors (CORD) Standardized Letter of  
    Recommendation (SLOR) Task Force "Writers Survey"**  
   Cullen Hegarty, M.D.; Christopher Doty, M.D.; David Lane, MD; Sarah Ronan-Bentle, MD, MS;  
   Nicole Deiorio, MD  

68. **Types of Diagnostic Errors in Neurologic Emergencies in the ED**  
   Nicole Dubosh, MD; Micah Lefton, BS; Jonathan Edlow, MD; Jennifer Pope, MD  

69. **The Current State of Emergency Medical Training in U.S. Schools of Podiatric Medicine**  
   David Wald, DO; Jane Pontious, DPM; Christine Miller, DPM; Alvin Wang, DO  

70. **Multidisciplinary Trauma Team Training for Improving Communication and Teamwork in the  
    Trauma Bay**  
   Creagh Boulger, MD; Jeff Ward, RN; Emily Jackson, RN; Daniel Eiferman, MD; David Bahner, MD;  
   Sally Santen, MD
71. "You Can't Always Have What You Want": Simulation based workshop with post workshop reflections to teach EM residents a strategy for making rational pharmacologic choices in a time of shortage.
   Linda Spillane, MD; Ryan Bodkin, MD; Flavia Nobay, MD; Lee Marks, MD; Michael Lu, MD; Sally Santen, MD

72. Conducting Hospital Disaster Drills Using Simulation Technology
   Pierre Detiege, MD; Daryl Lofaso, MS; Ramnarayan Gururaja, MD, PhD; Lisa Moreno-Walton, MD, MS, MSCR

73. Initiating and Assessing A Novel Resident Team Training Curriculum
   Ambrose Wong, MD; Maureen Gang, MD; Lisa Wing, BSN; Demian Szyld, MD; Heather Mahoney, MD; Monica Lypson, MD; Sally Santen, MD, PhD; Barbara Smith, BA; Kathleen To, MD; Michele Nypaver, MD

74. The "Bird's Eye View": A Novel Use Of Video-Assisted Debriefing in Medical Simulation
   Christopher Stahmer, MD; Thomas Parry, MD; Elaine Josephson, MD

75. Ability of Emergency Medicine Residents to Appropriately Administer Thrombolytics for ST-elevation Myocardial Infarction During Small Team-Based Simulation
   Timothy Koboldt, MD; Jason Wagner, MD; Christopher Sampson, MD

76. Ability Of Emergency Medicine Residents To Meet The Standard Of Care For tPA During Small Team-based Simulation
   Timothy Koboldt, MD; Jason Wagner, MD; Christopher Sampson, MD

77. Comparison of Sealants Ease of Use for Dental Fractures in the ED
   Kenna Healy, MD; Todd Peterson, MD; Joel Rogers, MA; Andy Edwards, MD

78. Development and Evaluation of a Multidisciplinary Simulation-based Crisis Resource Management Curriculum to Improve Non-technical Skills in Trauma Resuscitations
   Benjamin Bassin, MD; Athina Sikavitsas, DO; Christopher Benner, MD; Suzanne Dooley-Hash, MD; Laura Hopson, MD; David Lisbon, MD

79. Medical Student Peer Teaching in Simulation
   Carol Choe, MD; Joseph House, MD; Kristin Berg, MD; Heather Wourman; Sally Santen, MD; Michael Mallin, MD; Jonathan Fisher, MD

80. Teaching Common Clinical Procedures to Emergency Medicine Residents: Efficacy of Simulation Task Trainers Versus Fresh Tissue Cadavers
   Paul Jhun, MD; Michael Levine, MD; Jan Shoenberger, MD

81. FAST Wars: Assessing Competency and Speed in a Simulated Trauma Patient
   Petra Duran-Gehring, MD; Lisa Jacobson, MD; Nataly Saldana, MD

82. Evaluation of a Facial Anesthesia Lab
   Gary Pollock, MD; Todd Phillips, MD; Jon Rittenberger, MD

83. Geriatric Abdominal Pain Game
   Nikki Waller, MD; Kevin Biese, MD, MAT; Kristen Barrio, MD; Chris Howarth, MD; Ellen Roberts, PhD, MPH

84. Utilization of Banana Peels as an Alternative Model for Suturing Education
   Sara Singhal, MD; Lauren McCafferty,; Brian Adkins, MD; Seth Stearely, MD; Chris Doty, MD; David Lane, MD; Kaushal Shah, MD
85. *A Simulation Based Video Laryngoscopy Course for Maintenance of Board Certification*
   David Saloum, MD; Amish Aghera, MD; Brian Gillett, MD

86. *Attending Emergency Physician Airway Skills Assessment: The Annual Checkride*
   Daniel Rodgers, MD, RDMS; Kevin King, MD; Thomas Terndrup, MD

87. *Does Simulation Improve Resident Confidence Treating Dental Fractures?*
   Brandon Lokey, MD; Todd Peterson, MD; Joel Rogers, MA; Andy Edwards, MD

88. *Inexpensive Low-Fidelity Simulator for Epistaxis Management Training*
   Creagh Boulger, MD; Sarah Greenberger, MD

89. *Perfused Cadavers as a Training Model for Invasive Lifesaving Procedures*
   Trent Morgan, MD; Robert DeLorenzo, MD, MSM; John Ward, PhD; Christopher White, MD; Syed Husaini, MD; R Stansfield, PhD