



EMS Examination Task Force Activities

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Senior Director
Chair, EMS Examination Task Force

NAEMSP Annual Meeting
January 12, 2013

EMS Task Force Members

- Debra G. Perina, M.D.
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- Kathy J. Rinnert, M.D.
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EMS Task Force Members



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2012 Task Force Activities

- **Continued Item Writing**
 - Fall 2013 target
- **Minimally Qualified Candidate (MCQ)**
- **Revisions to Core Content of EMS Medicine**
- **EMS Examination Blueprint**



Minimally Qualified Candidate (MQC)

- Entry-level EMS physician will have, at a minimum, knowledge of, training in, and practice proficiency in all aspects of EMS
- This will ensure the EMS physician the ability to care for patients in the prehospital setting, respond with, educate, direct, and oversee the delivery of EMS services by all levels of prehospital provider



Minimally Qualified Candidate (MQC)

Includes the following components:

- Clinical Care
- Environmental and Situational Issues
- EMS Systems
- Special Operations
- Medical Oversight/Administration
- Education/Organizational Outreach



Job Analysis

- EMS Task Force conducted an online survey in 2011 asking respondents to indicate the importance of each core content area in performing a job in EMS
 - Asked to rate whether that task is done in their practice
 - Asked to rate importance to individual practice and supervision

Sample size: 1,339 45% response rate (n = 604)

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Revision of the 2009 Core Content of EMS Medicine

- The Core Content of Emergency Medical Services Medicine
- *Special Contribution*
- *Prehospital Emergency Care*
July/September 2012,
Vol 16 / No 3
- Available on ABEM Website



Uses of the EMS Core Content

- **Defines the body of knowledge for EMS medical practice**
- **Basis of the EMS examination blueprint**
- **Basis of EMS fellowship curriculum**



EMS Examination Blueprint

- **Weighted listings in terms of importance**
- **Determined percentage of examination in each content area**
- **Publicly reported**



Domain Level Results

The results of the domain-level analysis are presented in Table 3 and shown graphically in Figures 1 and 2.

Table 3. Domain Level Results

Section	Objectives	Model 1: Section to Objective Weighting Based on Sum of Objectives per Section			Model 2: Objective to Section Weighting Based on Sum of Weightings per Section				
		Weighting	Items - Raw	Items - Rounded	Items - Target	Weighting	Items - Raw	Items - Rounded	Items - Target
1 Clinical Aspects of Pre-Hospital Medicine	31	40.3%	120.779	121	121	42.3%	125.345	127	127
2 Medical Oversight of EMS	20	26.0%	77.922	78	78	25.3%	76.252	77	76
3 Quality Management and Research	6	7.8%	23.377	23	23	7.3%	23.733	24	22
4 Special Operations	20	26.0%	77.922	78	78	25.0%	74.671	77	75
Total	77	100.0%	300	300	300	100.0%	300	305	300

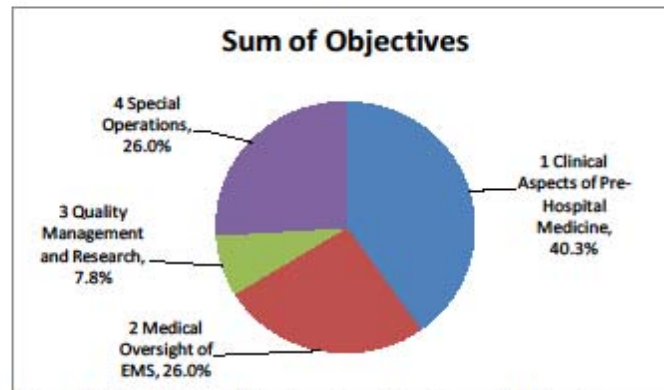


Figure 1. Weighting of Sections based on Sum of Objectives

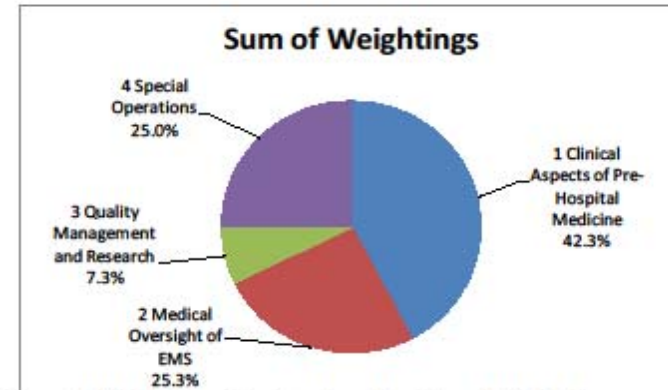


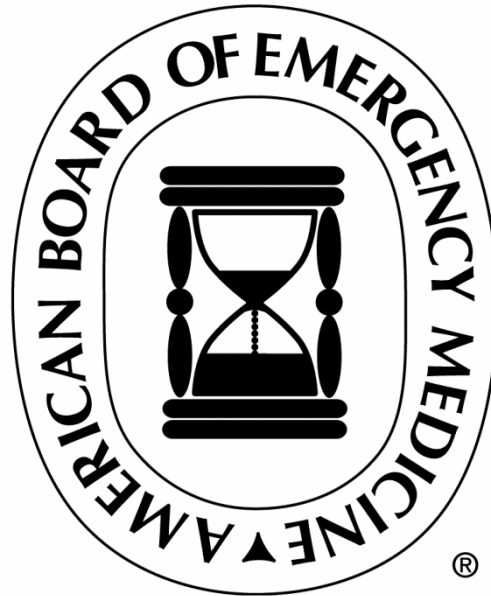
Figure 2. Weighting of Sections based on Sum of Weightings



2013 Task Force Activities

- **Continue item writing**
 - Currently close to 300 questions in the question bank
- **First examination October 23 – 25, 2013**
- **Development of EMS LLSA program**
 - Reading submission process and form on ABEM website





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