**PROJECT: GEMINI LOCATION: Quetzaltenango, Guatemala**

**DATE STARTED: April 2, 2013 FINISHED: April 3, 2013**

**OBJECTIVE: Teaching of the S.T.A.B.L.E. Program (Stabilization post reanimation/pre-neonatal transport)**

**AUDIENCE: Firefighters (First Responders)**

**Medical students and pediatric residents**

**Physicians**

**ROTARY CLUBS INVOLVED**

**LOCAL FOREIGN**

**Westborough Rotary Club None**

**District 7910**

**DOCTORS/TRAINERS**

**Eric Goedecke, M.D. Mario Mejía, M.D.**

**Jeff Cukor, M.D.**

**CONTACT PERSON(S)**

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**# PARTICIPANTS FROM ROTARY & UMASS:**

**LOCAL: 0 Rotarians FOREIGN: 1 Rotarian**

**University of Massachusetts Medical School: 3**

**The S.T.A.B.L.E. Program**

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| **DAYS #1, 2** | **LOG** | **AGENDA** | **LOCATION** | **# OF ATTENDEES** |
| **04-02** | **S.T.A.B.L.E. modules** | **Sugar (S)**  **Temperature (T)**  **Airway (A)**  **Blood Pressure (B)** | **Tertuliano’s Conference center** | **50 (6 medical students, 24 residents, 13 nurses, 7 physicians)** |
| **04-03**  **(half day)** |  | **Laboratory work (L)**  **Emotional Support (E)** | **Tertuliano’s Conference center** | **50 (6 medical students, 24 residents, 13 nurses, 7 physicians** |

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| **DAY #2** | **LOG** | **AGENDA** | **LOCATION** | **# OF ATTENDEES** |
| **04-03**  **(afternoon, evening)** | **S.T.A.B.L.E. modules** | **Sugar (S)**  **Temperature (T)**  **Airway (A)**  **Blood Pressure (B)**  **Emotional Support (E)** | **GEMINI TRAINING CENTER AT THE FIREFIGHTERS TRAINING SCHOOL** | **50 firefighters (first responders) from Quetzaltenango and 5 neighboring towns** |
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**SUMMARY OF PROJECT:**

**Eric Goedecke, M.D., Jeffrey Cukor, Mario Mejía, M.D.**

**Teaching of the S.T.A.B.L.E. Program (Stabilization post reanimation/pre-neonatal transport)**

The course consists of 6 modules. The following topics are discussed in a series of lectures.

**Sugar and safe care (S)**

Issues related to patient safety and reduction of errors during the provision of health care to neonates. Detection of infants at increased risk for increases/decreases in levels of blood sugar and recognition of the signs/symptoms. Use of appropriate therapy and subsequent evaluations. Detection of patients that need other interventions (e.g., placement of an umbilical catheter).

**Temperature (T)**

Recognition of infants at risk for hypothermia. How babies loose body temperature and how can they be protected. Characteristics of the physiologic responses to changes in temperature in infants (Caution to be observed during re-warming of infants with low body temperature premature and term)

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| **Airway (A)**  Assessment of respiratory difficulties  Indications for manual and mechanical ventilation  Steps to follow in oral endotracheal intubation  Laboratory testing and corresponding therapeutic management  Considerations for ventilator support  **Blood pressure (BP)**  Reasons for low blood pressure (e.g., shock), recognition and treatment  Physical examination and testing to detect and assess shock  Indications for safe administration of drugs  **Laboratory tests (L)**  Infection, use of adequate testing, interpretation of results, initiation of antibiotic treatment  **Emotional Support (E)**  Management of crisis among relatives of infants hospitalized in the neonatal intensive care unit. |