SUGAR Rush: How an Open-Source Curriculum Led to Crowd Sourced Spin-Offs



AWAY ROT

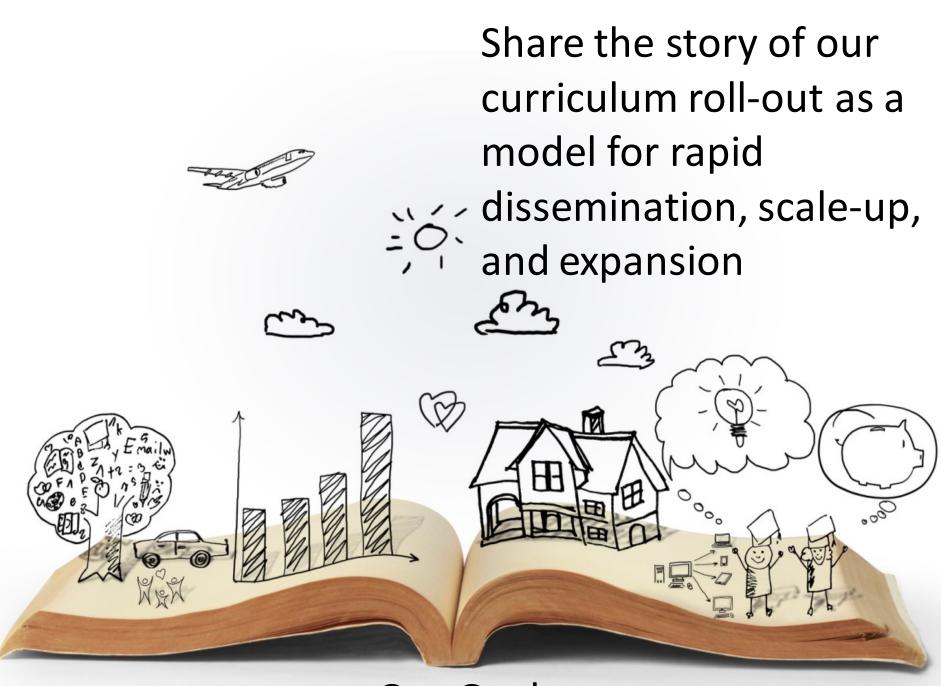
AWAY ROT

Disclosure Slide

SUGAR receives grant support for the dissemination of the curriculum from:

 UW Health Clinical Simulation Program

 University of Minnesota's African Studies Initiative



Our Goal

Background:

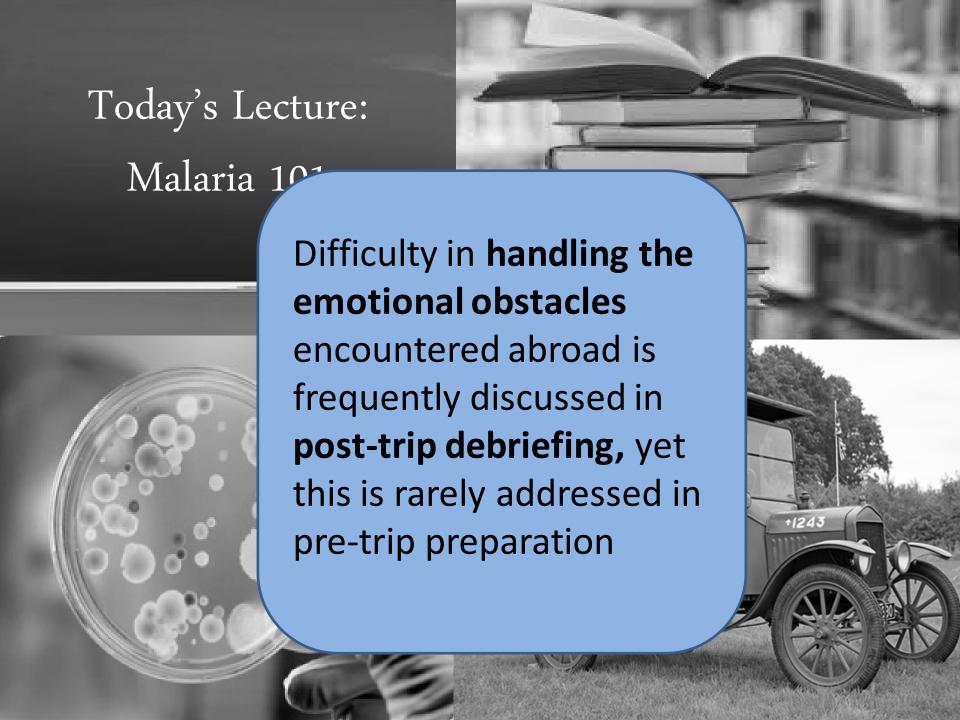
What is SUGAR and why was it needed?

Of 198 U.S. Pediatric Residency Programs

Characteristic	n
GH Track	49 (24.7%)
GH Faculty Lead	131 (66.1%)
International Field Experience	115 (58.1%)
Domestic Field Experience	96 (48.5%)
Pre-travel Preparation*	84 (66.1%)
GH Lectures	107 (54.0%)
Scholarly Project	77 (38.9%)





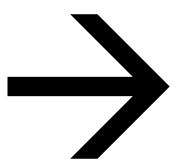




Could we use medical simulation to prepare global health residents for common *emotional* challenges encountered abroad, rather than just medical

SAL AWAY ROTA

preparation?



Turning an F into an A

Frustration

"I know what I would do back home to manage this disease, but I don't have the ability to do it here."

Ex: DKA without an insulin drip

Floundering

"I don't know what to do with the disease or where to find information that could help me."

Ex: Lymphocytic Interstitial Pneumonitis

Turning an F into an A

Failure

"I thought I knew how to make this patient better, but I am making them worse. What is different about this patient in this environment?"

Ex: Management of shock in severe acute malnutrition

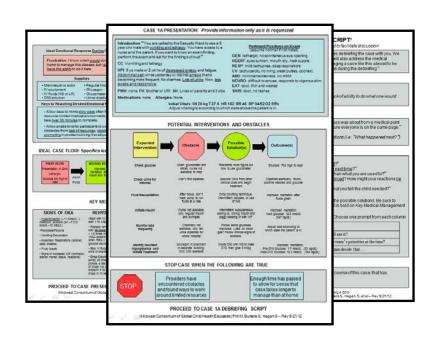
Futility

"Why does everyone seem so complacent with death here? Am I the only one who cares?

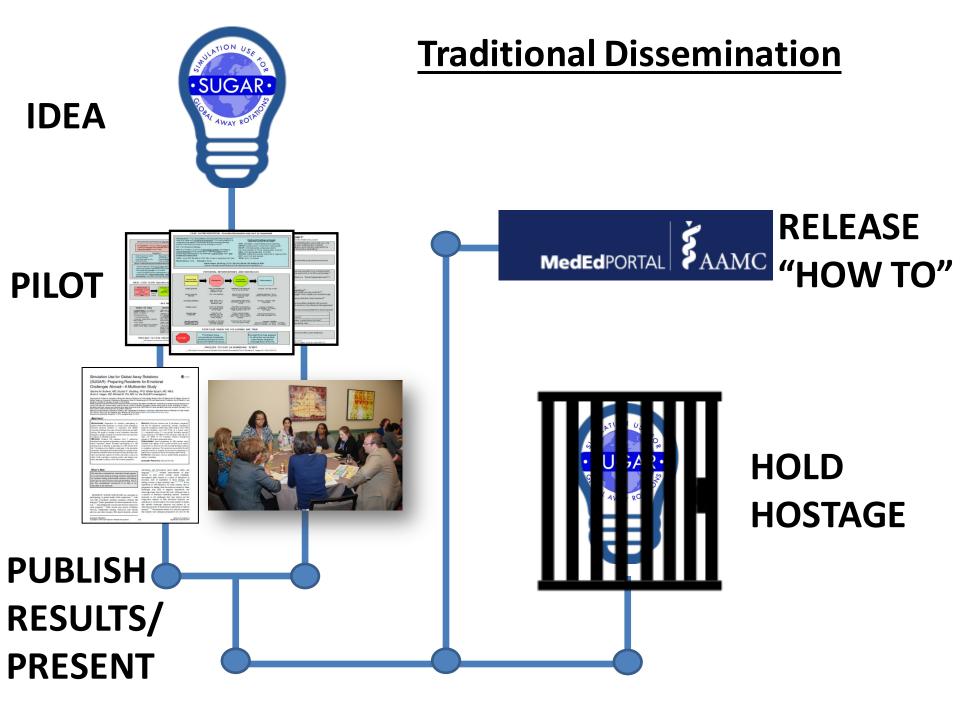
What will happen to this patient if we 'save' her."

Ex: Prolonged resuscitation of a neonate without access to a ventilator

Successful Multi-Institutional Pilot

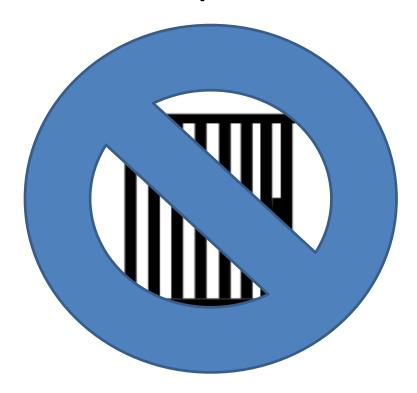


Now what?



Our early stated goal:

If the idea works, make it as easy as possible for others to use it and adapt it







• SUGAR•

2013 Multi-Institutional Pilot







2014

SUGAR Dissemination



2015









SUGAR Home | About SUGAR | What is SUGAR? | Facilitator Training







What is SUGAR?

necessary training for facilitators interested in bringing



SUGAR Partners





What is SUGAR?

SUGAR Background, Research Data, About Us...

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How do I facilitate SUGAR at my institution?

Facilitator Training. Downloadable Cases. Instructional Videos...

LEARN MORE >



SUGAR Home About SUGAR What is SUGAR? Facilitator Training



Step 1: Watch the Overview Video







Step 2: Familiarize Yourself with the SUGAR and Debriefing Literature

In order to best understand the framework for SUGAR and the importance of skilled debriefing, we recommend you read at least the following two articles:

Butteris SM, Gladding SP, Eppich W, Hagen SA, Pitt MB, Investigators S. Simulation Use for Global Away Rotations (SUGAR): Preparing Residents for Emotional Challenges Abroad-A Multicenter Study. Academic pediatrics 2014; 14(5): 533-41.

Eppich W, Cheng A. Promoting Excellence and Reflective Learning in Simulation (PEARLS): Development and Rationale for a Blended Approach to Health Care Simulation Debriefing, Simulation in healthcare: journal of the Society for Simulation in Healthcare 2015.

Additional recommended reading is located in the Resources Section

Step 3: Download Case Example

Download this sample case to follow along in the facilitator training videos.

Step 4: Understand how to use the **SUGAR Case Handouts**

These three short tutorials (3-4 minutes each) provide an overview of how to use the SUGAR Case Handouts and Debriefing Script.

140 Facilitators, 85 Institutions



6 Countries



Dozens of spin-off projects underway with leads from new institutions











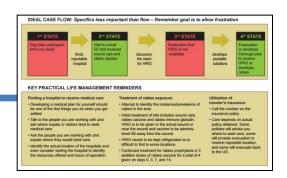






SUGAR PEARLS

(Procedural Education for Adaptation to Resource Limited Settings)



SUGAR CANE

(Cases about Non-Medical Events)



New Cases

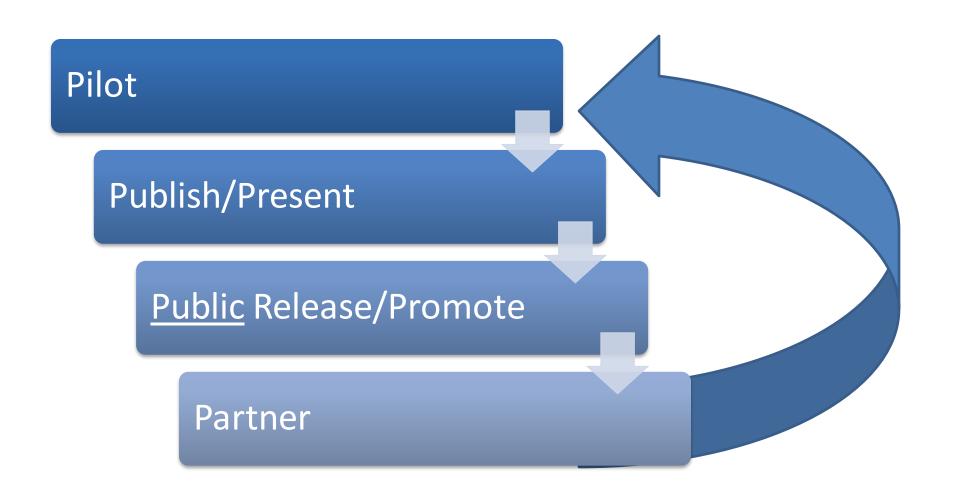
(OB, Family Medicine, Surgery, Immigrant Health, Med Students, Nurses, Clinic)



SPICE

(SUGAR: Practical Insights from Core Educators)

Lessons Learned



SUGAR Spin-Off Investigators



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