2017 CALIFORNIA TRAUMA SUMMIT

Nicholas “dr. Nick” Yphantides, MD, MPH
Chief Medical Officer, San Diego County
Director, San Diego County LEMSA
Welcome to San Diego!
Access to quality care

Increased physical activity

Healthy eating

Stop tobacco use
Residents are protected from crime and abuse

Neighborhoods are safe to live, work and play

Communities are resilient to disaster and emergencies
Built and Natural Environment
- Transportation
- Built Environment & Neighborhoods
- Natural Environment
- Housing

Enrichment
- Civic Life
- Community Activities

Prosperity, Economy & Education
- Workforce/Education
- Economic Development

Approved October 2014
REGIONAL DYNAMICS

THE LEVEL OF COOPERATION

THE LEVEL OF COMPETITION

LOW

High

Low

White Space (No Network)

“Love-Fest”

“Rumble in the Jungle”

“Co-opetition” (San Diego County)
San Diego County Facts

- 3.3 million residents
- 4,200 square miles
- 35 million annual visitors
- Five adult trauma catchment areas
- Pediatric coverage countywide
- 12,561 trauma patients in 2016
3- Level I Trauma Centers
• University of California San Diego Medical Center
• Scripps Mercy Hospital
• Rady Children’s Hospital

3- Level II Trauma Centers
• Scripps Memorial Hospital
• Sharp Memorial Hospital
• Palomar Medical Center
TRAUMA PATIENTS VS. GENERAL POPULATION

Source: County of San Diego, Health and Human Services Agency, Emergency Medical Services, Trauma Registry, 1984 - 2016

Trauma – 187% Increase

Population – 52% Increase
In God I Trust!
You?
Show me your data!
Outcomes:

San Diego County Trauma Patient Mortality Rates, 1982 - 2015

1982: Year Prior to Development of the Trauma System

1984: First Year of the New Trauma System

2015: National Trauma Mortality Rate = 4.3%

Sources: Shackford et al. The Effect of Regionalization upon the Quality of Trauma Care as Assessed by Concurrent Audit before and after Institution of a Trauma System: A Preliminary Report. County of San Diego, HHSA, EMS, Trauma Registry, 1990 – 2015. National Trauma Data Bank, 2015 Annual Report.
The San Diego Model:

Collaboration and Cooperation

Prevention
- Injury
- Prevention
- Advocacy
- Medical
- Education

Intervention
- Prehospital
- Hospital
- Integration
- Triage
- Protocols
- Trauma
- Protocols

Quality Assurance
- MAC Case
- Review
- Education
- Research
San Diego County Trauma Centers participate in a Monthly Medical Audit Committee

Chair- Dr. Raul Coimbra, Trauma Medical Director, UCSD
Vice Chair- Melanie Gawlik, RN, Trauma Program Manager, Scripps Memorial

Members include:
County EMS Medical Director- Dr. Kristi Koenig
County Medical Examiner- Dr. Robert Stabley
EMS QA Specialist- Candy Schoenheit, RN
EMS Epidemiologist- Dr. Joshua Smith

Trauma Medical Directors/Trauma Program Managers from each Trauma Center:
UCSD- Dr. Raul Coimbra/Pat Stout, RN
Scripps Mercy- Dr. Vishal Bansal/Tony Chiatello, RN
Sharp- Dr. Diane Wintz/Kathi Ayers, RN
Scripps Memorial- Dr. Imad Dandan/Melanie Gawlik, RN
Palomar Medical Center- Dr. John Steele/Melinda Case, RN
Rady Children’s- Dr. Mary Hilfiker/Renee Douglas, RN

Neurosurgeon Representative- Dr. Hal Meltzer
Anesthesiologist Representative- Dr. Kris Bjornson
Orthopedic Surgeon- Dr. Jeffery Smith
Non Trauma Center Representative- Dr. Jessica Deree, Kaiser
Base Hospital Physician representing Prehospital Audit Committee- Dr. Saul Levine
THANK YOU!!!