

Natividad **TRAUMA CENTER**

Presentation: Monterey County Board of Supervisors | October 2017

What is Trauma?



- Trauma is physical injury that requires surgical specialists to immediately consult, observe or perform surgery in order to optimize recovery.
- A patient with a major traumatic injury requires a coordinated a team of specially trained experts to save life and limb.
- Timely care is critical.

What is Trauma?



- Trauma is the leading cause of death in persons 1 – 45 years of age.
- Trauma is a leading cause of disability.
- Each year trauma accounts for 41 million emergency department visits and 2.3 million hospital admissions across the nation.

Designation History

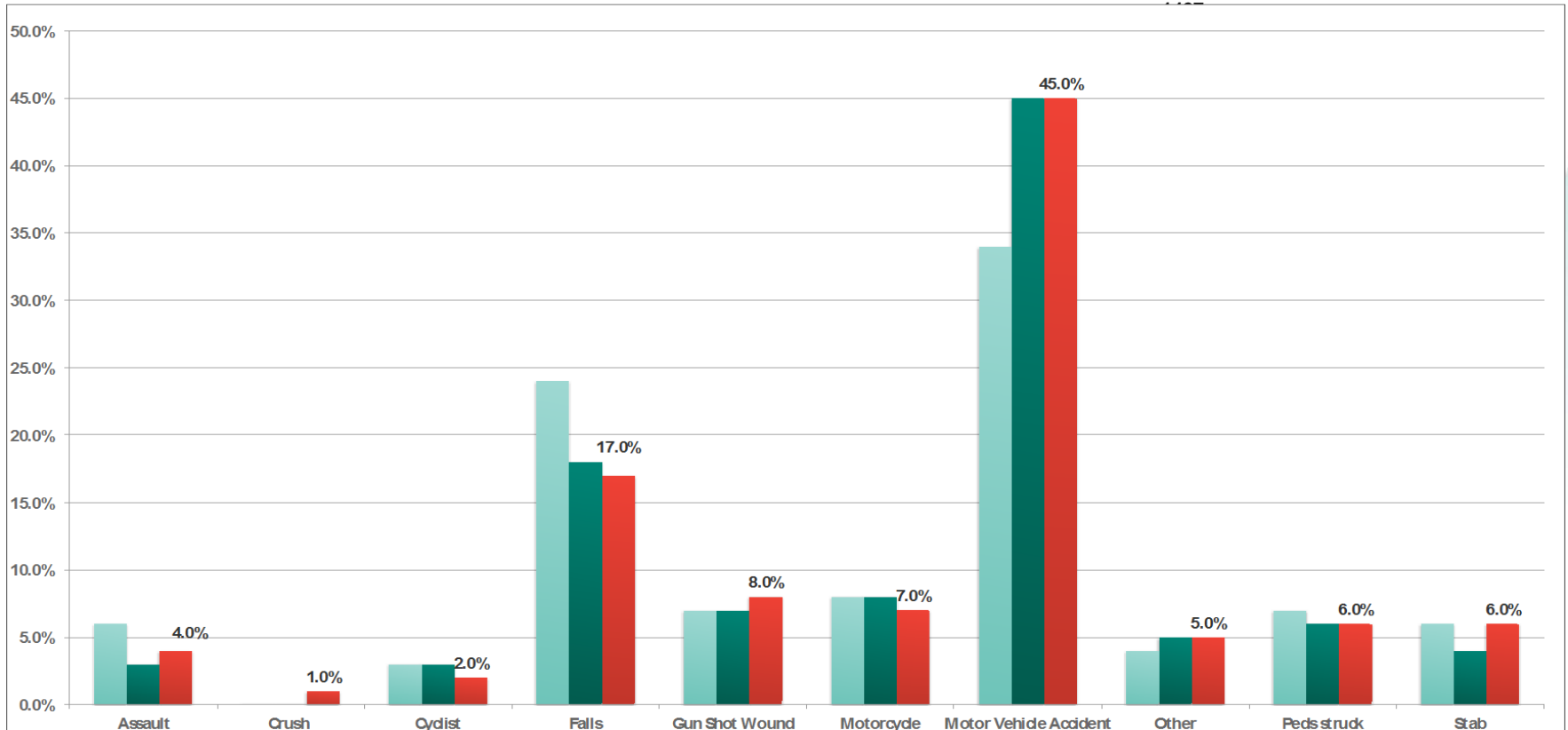
Until January, 2015, Monterey County was the largest of the remaining counties in California without a designated trauma center. Studies have shown a higher preventable death rate from trauma in counties without organized trauma systems as compared to systems with an organized trauma system.

In January 2015, Natividad Medical Center received designation as a Level II Trauma Center by the Monterey County Emergency Medical Services Agency (EMS).

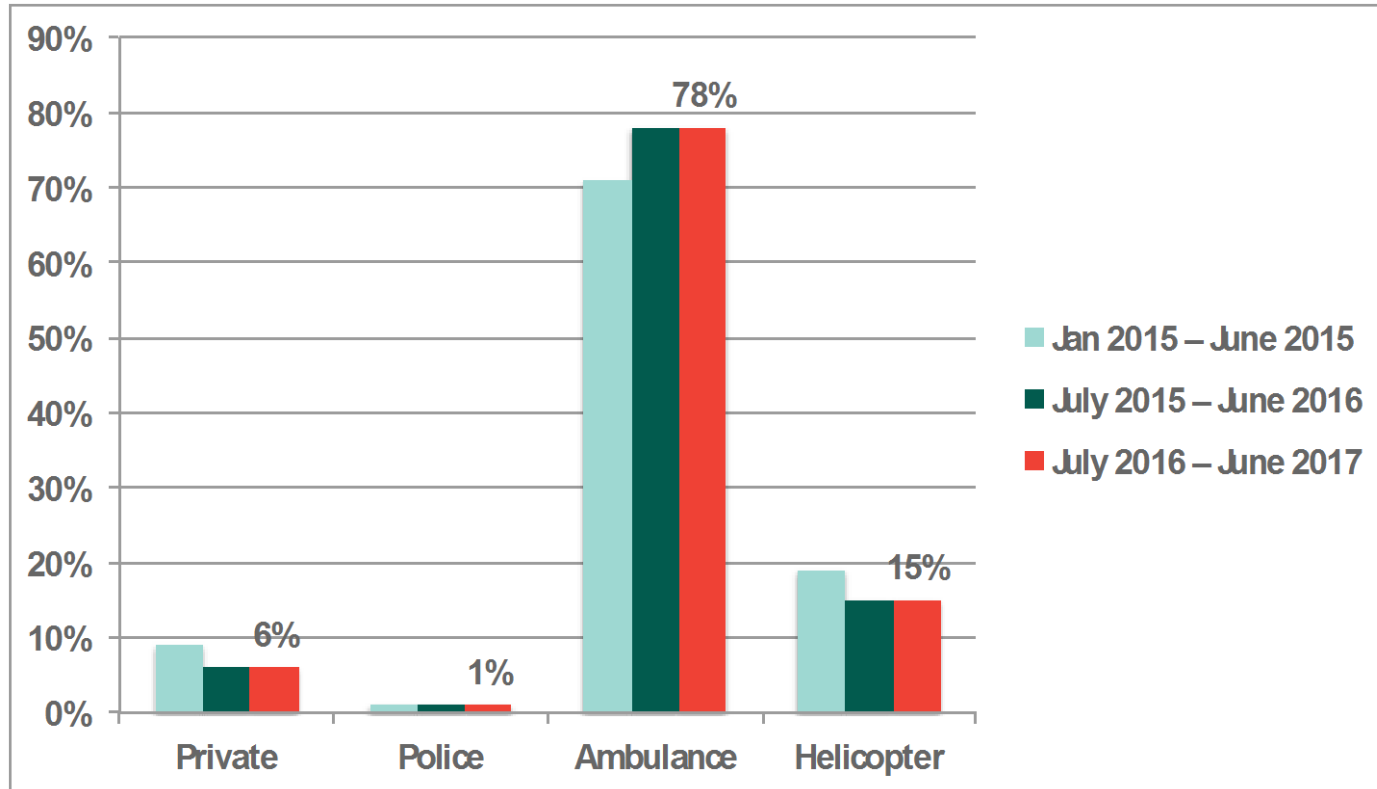


Volume Cases by Type January 2015 – June 2017

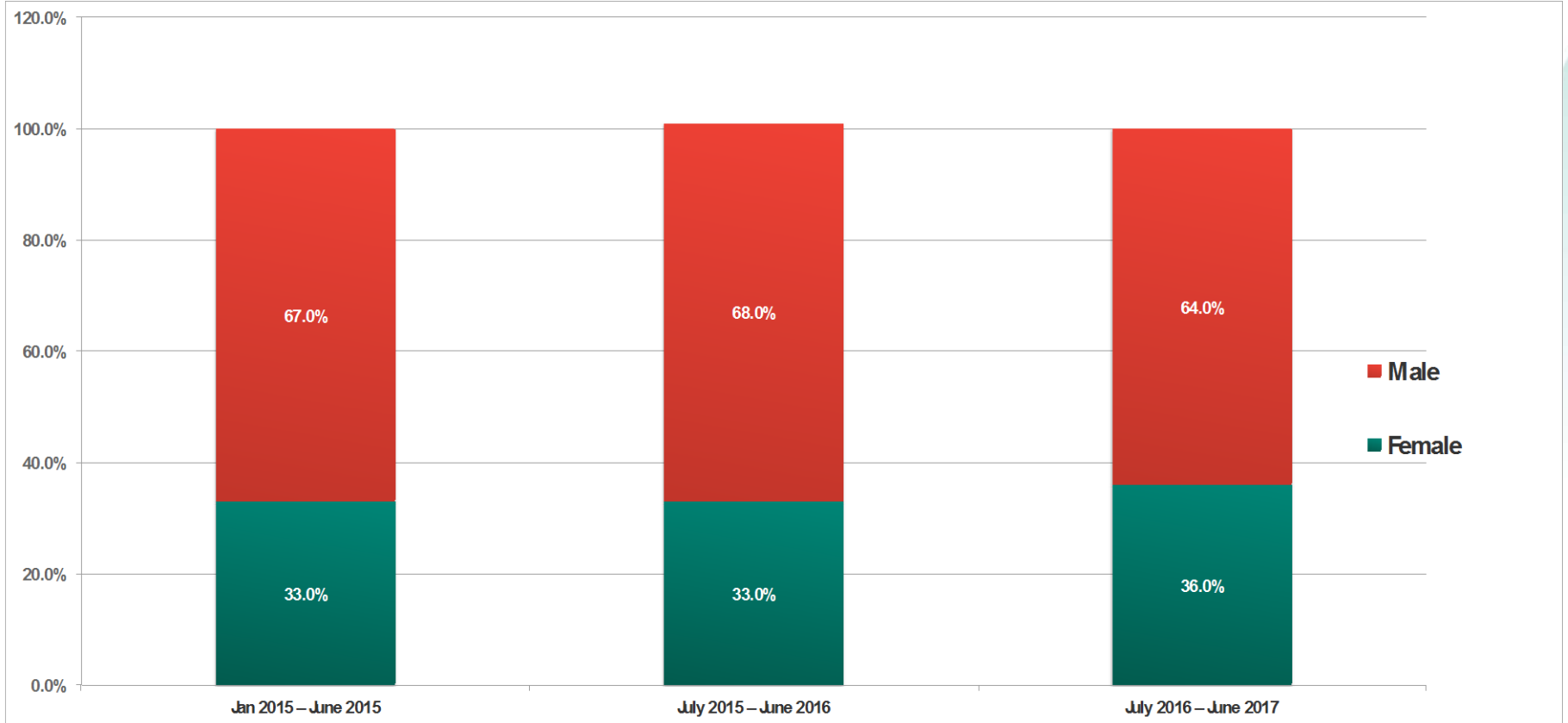
■ Jan 2015 – June 2015 =
■ 623
■ July – June 2016 = 1528
 July 2016 – June 2017 =



Volume Transport Mode January 2015 – June 2017

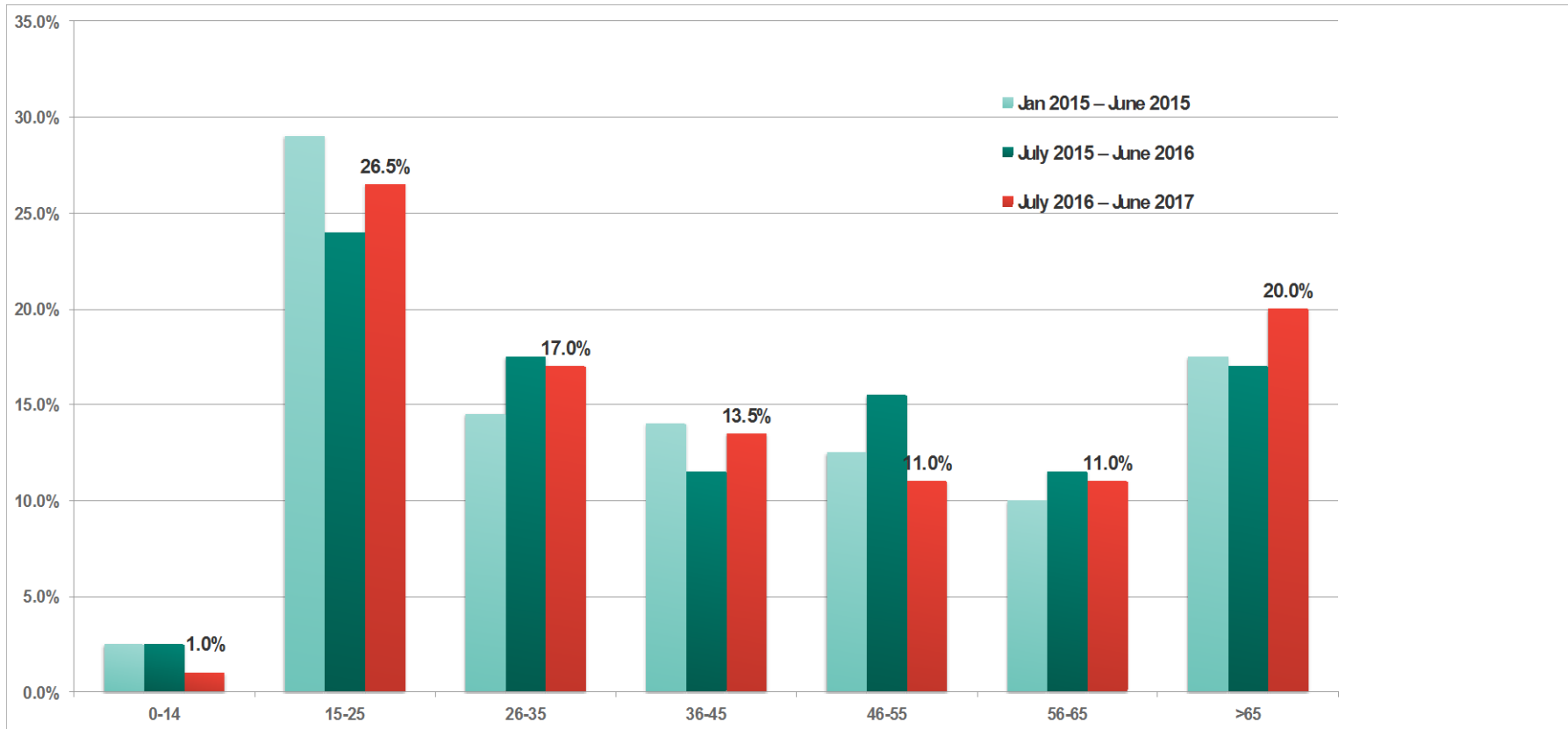


Volume By Gender January 2015 – June 2017



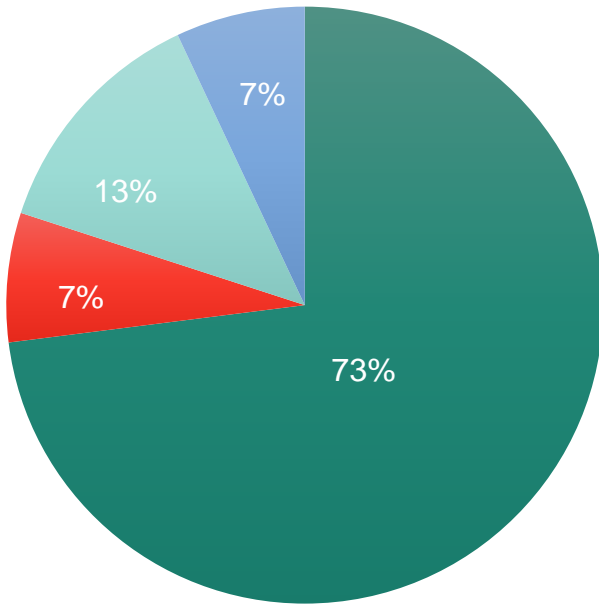
Volume By Age

January 2015 – June 2017



County Distribution of Injuries

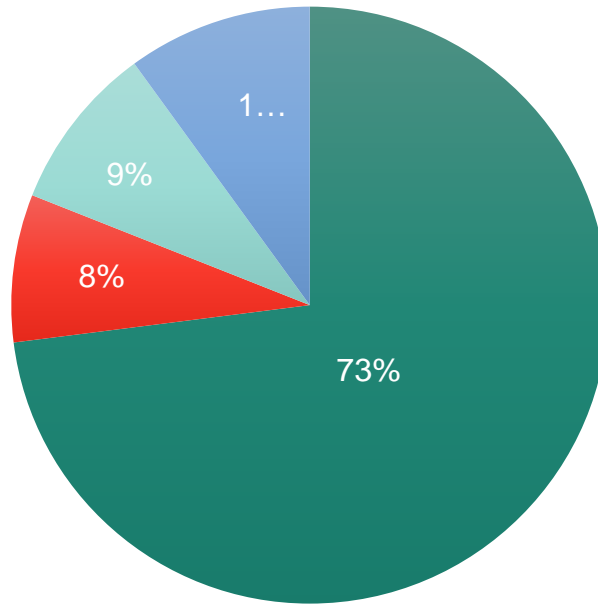
2015



■ Monterey ■ San Benito
■ Santa Cruz ■ Other

Total Injuries: 623

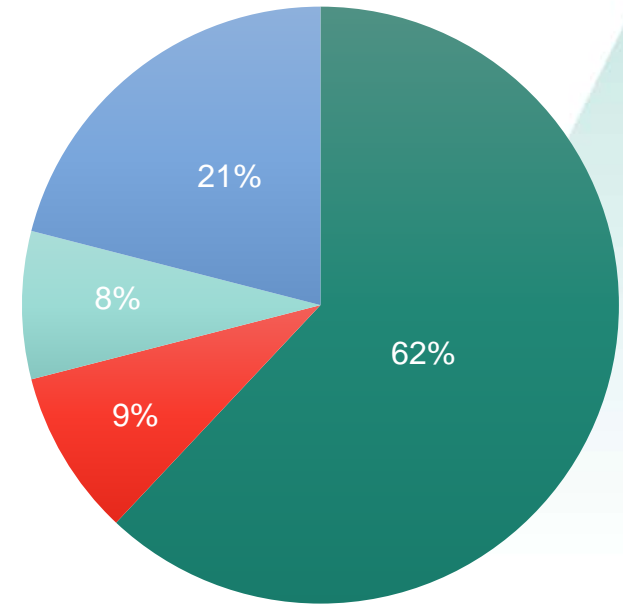
2016



■ Monterey ■ San Benito
■ Santa Cruz ■ Other

Total Injuries:

2017



■ Monterey ■ San Benito
■ Santa Cruz ■ Other

Total Injuries:

Natividad Trauma Center Enhancements 2015 - current



- A highly skilled trauma care team of critical-care trauma surgeons, nurse practitioners, trauma trained nurses, technicians, and support staff is in house 24/7/365.
- Comprehensive facility, equipment, and system improvements have been made to elevate trauma care.
- Imaging services have been expanded and now include a dedicated Interventional Radiology (IR) suite and program.
- Staff have been extensively trained and educated in the most current and highest quality trauma care.

Natividad Trauma Center Enhancements 2015 - current



- NMC has developed prevention and outreach programs to reduce trauma-related injuries in our community. These include programming on pedestrian and cyclist safety, motor vehicle safety, car seats, substance abuse intervention, and violence prevention.
- The medical center created CHOICE, a hospital-based violence intervention program that collaborates with community partners to promote positive alternatives to violence. CHOICE aims to reduce retaliation and re-injury among youth and young adults injured by violence.

Natividad Trauma Center Enhancements 2016 - current



- NMC became a member of the American College of Surgeons (ACS) Trauma Quality Improvement Program (TQIP) which allows for patient outcome and performance measures to be benchmarked with other trauma centers across the USA.
- NMC established Continuous Renal Replacement Therapy (CRRT) which is a form of dialysis used to treat critically ill patients with acute kidney injury in the intensive care unit.
- In partnership with Sun Street Centers, NMC brought the award-winning teen safe driving program, In-One-Instant, to local high schools in the community.
- NMC championed Brain Smart, a trauma prevention program designed to educate youth, seniors and caregivers about concussions, falls and other head trauma.

Natividad Trauma Center Enhancements 2017



- Started a bi-monthly support group within the CHOICE Program that serves family members of patients who have been victims of assault.
- Continued to collaborate with EMS and local hospitals to improve identification and rapid transport of patients to the trauma center.
- Trained over 55 physicians, physician assistants and nurse practitioners from around the country in Advanced Trauma Life Support (ATLS).
- Specialized training for nurses: Trauma Nursing Core Course certification courses and Trauma Care After Resuscitation education programs.



Natividad TRAUMA CENTER

The Natividad Trauma Center is committed to excellence in trauma care, which has a profound impact on the residents of Monterey County and the Central Coast Region.

WHEN MINUTES MEAN SURVIVAL
WE STAND READY

To learn more, visit www.natividad.com/trauma

Community Awareness

comcast®

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67 UNIVISION
MONTEREY-SALINAS



Community Awareness

The Salinas
Californian



off 68



MONTEREY COUNTY
WEEKLY



Patient Testimonials

- “Natividad doctors and nurses treated me with great dignity and privacy. They all had a very caring attitude and seemed to genuinely care about my well-being. They seem to love the job they have. They weren’t disconnected, they checked up on me all the time and helped keep my brain active.” – *Sharon Thomson, 70, fell from a horse.*
- “There was no doubt I was in the best hands. The surgeon is the kind of doctor everyone should have in a time of need. I want people to know that you don’t have to drive to the Bay Area to find these great doctors. Because of them and his experience, I can walk again and enjoy my life. Natividad offers the best service you could ever imagine.”– *Maria Sanchez, 55, motor vehicle accident. Now a volunteer at NMC.*

Your Trauma Team



TRAUMA SURGEONS

Top, Left to Right: **Alexander Di Stante, MD** // Trauma Medical Director • **Andrew McCague, DO** // Co-Director ICU/Trauma Surgeon • **Boris Borazjani, MD, MPH** • **Delphine Engel, MD**

Bottom, Left to Right: **Brian Lugo, MD** • **Bradley Roth, MD**

Your Trauma Team



TRAUMA NURSE PRACTITIONERS

Left to Right: **Sandy Correia, RN, MS, ACNP-BC** • **Pam Dhillon, RN, MS, AG/ACNP-BC, CCRN** • **Pamela Dudley, RN, ACNP** • **Eric Dwight-Gilroy, RN, ACNP** • **Scott Weyland, MS, RN, ACNP-BC, ACNPC** • **Chrystie Osborne, RN, ACNP**



TRAUMA SERVICES

Left to Right: **Julie Ramirez, RN, MS, AG/ACNP-BC** // Trauma Program Manager (Nurse Practitioner) • **Denise M. Dalmon, RN, BSN, CCRN** // Trauma Process Improvement Coordinator • **Lorraine Artinger, RN** // Trauma Prevention and Outreach Nurse • **Kathy Abbott, RN, BSN** // Trauma Program Case Manager • **Norma Fuentes** // Trauma Registrar • **Sharnie Ryan** // Trauma Registrar • **Alyce Madden** // Trauma Service Office Assistant III

Local EMS Support

