

**ZSFG CHIEF OF STAFF REPORT**  
**Presented to the JCC-ZSFG on August 25, 2020**  
**08-10-20 Leadership and 08-20-20 Business**

**Clinical Service Report**

Neurology Service Report – Claude Hemphill, MD, Chief

Highlights include:

- Assets –
  - High quality mission-driven junior faculty who want to be at ZSFG
  - Strong Ties with UCSF Department of Neurology
  - Collaboration with other clinical services – Neurosurgery (Brain and Spinal Injury Center); Emergency Medicine and Radiology (Stroke Program)
  - Grant Support
  - Collaboration with ZSFG – Joint Commission Primary Stroke Center/ZSFG Neurocritical Care Unit/Neuromonitoring (“NeuroICU of the Future”)
  - Quality of UCSF Neurology Residency and Fellowships
  - International reputation for Neurocritical Care/Stroke and HIV Neurology Programs
- Challenges-
  - Neurology Service is understaffed and underfunded
  - Impact of Parnassus Funds Flow Model – Discordance between salary and Total Compensation between ZSFG based faculty and UCSF based faculty. Two faculty left this spring have not been replaced due to hiring restrictions and lack of faculty interested in position.
  - Uncompensated Leadership Activities
  - Outpatient Clinic infrastructure
  - Stroke Program – High functioning program certified as Primary Stroke Center (2<sup>nd</sup> lowest of 4 tiers); Anticipated changes in prehospital triage with UCSF and Mills receiving Comprehensive Thrombectomy Certification
  - Absence of Inpatient and Emergency Child Neurology Consultation
  - Housestaff – Model of Neurology patient care at ZSFG and Resident Work Hour issues
- Goals
  - Fund service using model that incentivizes outstanding faculty to remain at ZSFG
  - Plan for future patient care delivery model that does not exceed resident hours
  - Re-engineer outpatient Neurology services
  - Capitalize on existing expertise, relationships with other Clinical Services, and hospital to implement visionary programs that highlight ZSFG
  - Mentor and support junior faculty towards extramurally funded clinical and translational research
  - Enhance philanthropy to realize mission goals
  - Work though COVID pandemic together but not stall or diverge

Neurosurgery Service Report – Geoff Manley MD, Chief

Highlights include:

- Goals:
  - Provide 24/7 neurosurgical care to patients of ZSFG/SFHN and the Bay Area
  - Deliver the most advanced care for patients with brain and spinal cord injury
  - To translate basic neuroscience into clinical processes
  - Train the next generation of neurotrauma clinicians and scientists
  - Transform neurotrauma care worldwide
- Scope of Clinical Services
  - Inpatient Services – Traumatic brain, spine and other neurosurgical emergencies; Neurocritical Care; Elective/Consult
  - 24/7/365 - Attending rounds every day and sees ALL patients; Attending reviews all consults/studies (improve flow in ED); Comprehensive documentation with real-time monitoring

(billing/DRGs)

Clinical Services:

-Trauma – Traumatic Brain Injury; Spine and Spinal Cord Injury

-Non-Trauma – Craniocerebral (Tumors, Aneurisms, Vascular Malformations, Intra/Extra-Cranial Ischemic Diseases; Spinal (Degenerative/Deformity), Tumors; Peripheral Nerve

-Ambulatory – 4M clinic, TBI Clinic, Concussion Clinic

-“One Service” Model – Staffing model of one attending, one NSG resident and one intern with Backup and NP support at ZSFG; Volume of consults, Operations in 2019 has increased compared to 2018.

-Trauma and Emergency Neurosurgery Call- More high acuity and high complexity cases at ZSFG; Covid has not changed the volume of trauma work in Neurosurgery.

- Clinical Care

-First in the Nation to receive Joint Commission Certification for Traumatic Brain Injury

-Trauma Quality Improvement Programs (TQIP): Core Process Measures: VTE Prophylaxis, EtOH Screening and Advanced Neuromonitoring, Follow UP and Outcome Assessment

-Neuro ICU of Future – Create an informatics environment that will enhance clinician’s decision-making abilities, communication and improve care.

-Partnership with Nursing and Education

-Continuum of Care – From prevention to Rehab: Bicycle helmets (partnered with Sports Basement to provide helmets in ED), Monthly TBI support group, Love your Brain (Yoga, Meditation and Education for TBI survivors and caregivers), and 4A SNF/Rehab (Direct transfers from ICU)

- Research – Total funding (NIH, DoD, Public/Private): Over 20 grants amounting to \$56.5 M. Most of the grants are large network style studies, with Track TBI as the fundamental study which is now at 20 Level 1 Trauma Centers in the nation.

Paving the Way for a New Era for TBI Treatment and Clinical Trials – Abbott iStat Trial

- Challenges –

-Faculty salaries and retention

-Administrative responsibilities/staffing ratio

-Future space for neurosurgery/neurology

-Resources for new clinical programs