Naval Medical Center San Diego
Anticoagulation Clinic

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Objectives

• Provide Naval Medical Center San Diego (NMCSD) Coumadin Clinic Statistics
• Overview of Coumadin Clinic Services
• Review role of UCSD students
• Discuss greatest challenge in clinic
Naval Medical Center San Diego

- 268-bed multispecialty hospital and ambulatory complex
- 11 primary care clinics servicing active duty, family care and retirees
- Computerized physician order entry (CPOE)-Essentris
- Armed Forces Health Longitudinal Technology Application (AHLTA)
- Composite Health Care System (CHCS)
- 10 Ambulatory Care Pharmacist Managed Clinics
Coumadin Clinic Statistics

- Enrolled Patients: 667
- Encounters: 1,150 per month
- Staffing: 2.75 Pharmacist FTE, 1 Pharmacy Tech FTE
- Demographics:
  - 49% Retired Service Members
  - 35% Retired Family Members
  - 11% Active Duty
  - 5% Active Duty Family Members
Coumadin Clinic Services

• Referrals given by various clinics
• Direct Face-to-Face Patient Encounters
  – 45 minutes for new patients
  – 15 minutes for follow-ups
• INR Monitoring: main lab (venous draw)
• End of Visit
  – Dosing card
  – Follow-up appointment
  – Labs
  – Prescribe and Dispense generic warfarin or enoxaparin, if needed
Role of the Student

- **Interaction:** direct face-to-face patient interviewing
  - Interview patients
  - Assess encounter
  - Provide patient with clinical decision/plan

- **Documentation:** electronic medical record (i.e. AHLTA) by PRECEPTOR (student has read only access)

- **Assessment of Competency:**
  - Topic Discussions
  - Patient Case Presentation and Topic Presentation
  - Mid-term Exam: Oral patient case discussion
  - Final Exam: Oral patient case discussion
Greatest Challenges

Clinic-Lab Collaboration
• Turnaround Time
• Mechanical issues
• Quality assurance

Students
• Application of clinical evidence to patients
• Understanding of guidelines
Conclusion

- Coumadin clinic has over 600 patients
- Direct face-to-face encounters
- Major roles for students
QUESTIONS?