Overview and History of AMS

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Anticoagulation Management Service (AMS)

Location

POB, 275 Cambridge Street,
 Suite 101 (next to Finagle-a-Bagel)

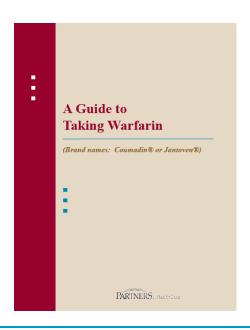
Hours

- Nurses available 7 days/week
- -8AM 4:30PM
- MD coverage via page after hours



AMS: A specialty out-patient clinic

- Resides within Department of Nursing, Patient Care Services
- Primary goals:
 - Comprehensive education to patients and families
 - Emphasis on timely communication, especially during transitions in care or drug therapy
 - Optimize day-to-day management and monitoring of patients on warfarin (with or without LMWHs)
- What's Required:
 - Referral (acts as treatment order) from inpatient units or outpatient practices
 - MGH-affiliated physician for long-term management
 - Discharged home
 - Collaborating physicians completes Annual Therapy Review/Order
 - Patient/family attendance at education session with primary nurse
- AMS does not:
 - Perform bloodwork
 - Provide warfarin Rx (warfarin prescribing by patient's referring physician)



- Printed Guide in English and Spanish
 - English: # 85474 (pkgs of 20)
 - Spanish: # 85811
- Additional languages in Partners Handbook
 - Partners Handbook → Patient Education Info → MGH Patient Education Discharge Documents → Anticoagulation Therapy

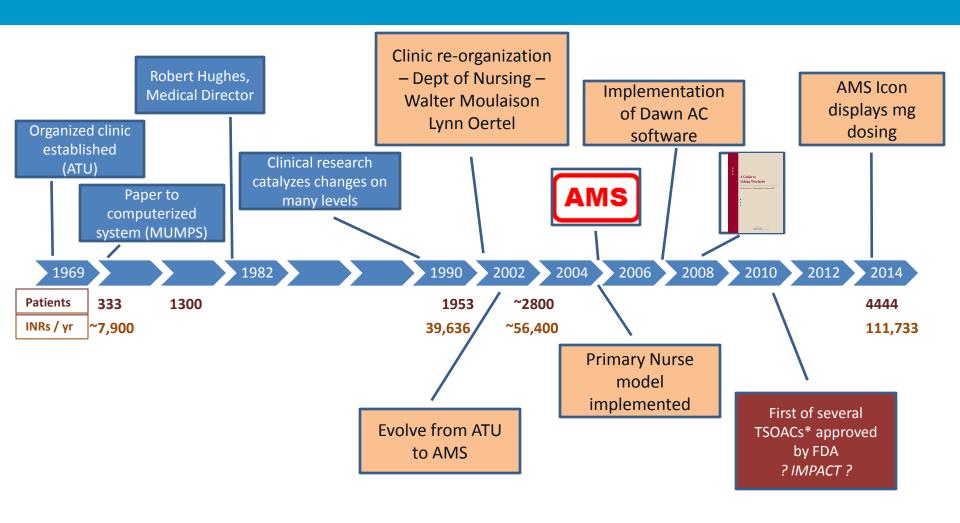








Historical Overview



Anticoagulation Management Service (AMS)

- Who should be referred?
 - Patients on warfarin AND who have a MGH-affiliated, collaborating physician to provide support to AMS as needed to optimize management
- How to refer patients?
 - Inpatient: POE Consult Referral. AMS supports a safe and timely transition when discharged to home for ALL* patients NEW to warfarin (with or without LMWH). Patient management begins at discharge.
 - Outpatient: Referrals by fax or CRMS. AMS confirms receipt of referral, patient management begins when patient arrives for one-time educational appointment

*'ALL' – includes patients new to warfarin but have physician in community who will ultimately be 'warfarin manager' – in these cases, AMS will hand-off anticoag care in 7 – 10 days.

AMS patient population

- **Population:** 4444 outpatients, ~200+ patients at any given time in transition/bridge pathways ("Highest" priority)
- **Mean age (yrs):** 69 ± 14 years
- **Gender:** 59% male
- Top 4 indications:
 - AF (63%)
 - VTE (18%)
 - MHV (8.5%)
 - Stroke/TIA (7%)
- Patient Care Delivery Model: Patient-focused, utilizes a primary nurse model. Use a number of protocols/algorithms for day-to-day decision making.
- Quality of INR control: 74% Time in Therapeutic Range (TTR) for majority of patients (90% of patients in 2-3 INR range)
- **Detailed process for patient follow-up (compliance):** few patients discharged for non-compliance
- Support patient self testing (PST): ~500 patients self test INRs at home

Unique features of AMS

- Unique anticoagulation management software (DawnAC): paperless patient records, dose decision-making support
- Use LMR for documenting in patient's hospital eMR
- 3 electronic interfaces:
 - Lab Interface: approx 40% INRs values electronically entered on Dawn patient record
 - ADT Interface: electronic lists update AMS patient activity for hospital admission/discharges, including out-patient procedures and ED
 - AMS Icon: outbound message from Dawn records to display patientspecific information a
- Televox reminder calls: delivers timely phone reminder if late for scheduled INR test
- Mail or email dose instruction letter for all maintenance patients

AMS Icon

'Click It' to view helpful information



MGH

Name: Oe-Test,Lisa MRN: 3861819 (MGH)

Please contact AMS for further information by email at mghams@partners.org or by

Referring MD: Lynn Oertel AMS Nurse: Lynn Oertel, RN

Tel: 617-726-6955

page at 30104

MGH Anticoagulation Management Services (AMS)

Lab: Brockton Hospital - Lab

INR Target Range: 2.0 - 3.0 (2.5 Target) Treatment Duration: Indefinite

Time in Therapeutic Range: 94% Annual Therapy Review or Planned Stop Date: 8/17/2014

Management Type: Maintenance Treatment Plan Status: active

Primary Indication:

Thrombosis/ Embolism: acute, deep, unspecified LE

Secondary Indications:

Atrial Fibrillation

Dissection, carotid artery

Hx of (family): Other Cardiac Diseases

Notes:

Additional Antithrombotics:

Aspirin

Cilostazol/Pletal Enoxaparin/Lovena

Liloxapailii/Loveiibk

For Warfarin/Coumadin prescription refills please use 2mg Pill Strength

INR Date	INR	Dose	Instru	ction	5 (mg)s/da	y)		- *		_
06/30/2014			Next INR Date								
06/16/2014	2.2	22 mg per week	Warfarin	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
			Total mg	4	2	4	2	4	2	4	
06/09/2014	2.3	22 mg per week	Warfarin	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
			Total mg	4	2	4	2	4	2	4	
											<
06/02/2014	1.9	22 mg per week	Warfarin	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
			Total mg	4	2	4	2	4	2	4	
05/26/2014	1.7	20 mg per week	Warfarin	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
			Total mg	2	4	2	4	2	4	2	

Convenient
hyperlinks to
communicate with
AMS

Patient Clinical
Details

Pill Size

Last 4 INRs and dose instructions