



Antimicrobial Stewardship at Straub Clinic and Hospital

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Antimicrobial Stewardship Committee

- Interdisciplinary team collaboration
- Meets every other month
- Focus on improving antimicrobial utilization
- Meaningful EMR utilization



Internal Antibigram

- Annual Antibigram from Microbiology Lab
- Internal Resource
- Prophylactic Antibiotic Recommendations
- Antimicrobial Dosing / Cost per day
- Antimicrobial Re-dosing Interval Grid
- Restricted Antimicrobial List

Restricted Antibiotic Policy

- Infectious Disease (ID) MD EPIC Alerts
- ID Consultation
 - Within 24 Hrs. (Non-ICU)
 - Within 48 Hrs. (ICU)

Restricted Antimicrobial Agents		
Amphotericin B Liposomal	Linezolid IV and PO	Daptomycin
Cefepime	Voriconazole IV and PO	Foscarnet
Ciprofloxacin	Ceftazidime*	Pentamidine IV
Ertapenem	Micafungin	Ceftaroline
Meropenem		

*Not restricted if documented Pseudomonas

IV to PO Program

- IV Levofloxacin
- IV Metronidazole
- Pharmacist driven program
- Monitoring Tool – Inclusion/Exclusion
- Monthly data collection
- Decrease in average days of therapy
- Statistical significance

Antibiotic IV to PO Monitoring Form
(Data collection for March-April 2014)

Patient Name: _____ Room#: _____ MRN: _____ Date: _____

Inclusion/Exclusion Criteria		
All Inclusions	Exclusion	Exclusion
1. Following 20 test	1. Not on test	1. None
		2. NDC status (unless other medications being administered ORN)
		3. Unable to swallow or refusing oral medication
		4. On oxygen (PO status)
All Exclusions	Inclusion/Exclusion	Exclusion/Exclusion
1. Not on test	1. Not on test	1. None
		2. NDC status (unless other medications being administered ORN)
		3. Unable to swallow or refusing oral medication
		4. On oxygen (PO status)
		5. Hemodynamic instability or requiring resuscitative therapy
		6. Intestinal Obstruction (not on antibiotics IV to PO conversion)

*NDC status (unless other medications being administered ORN)

IV to PO Conversion Medications

Antibiotic / Antifungal	Designation
Levofloxacin (Levoq)	
Metronidazole (Flagyl)	
Fluconazole (Diflucan)	
Amphotericin (Amphotec)	
Vancomycin (Vanco)	
Linezolid (Orvico)	

Indication for Antibiotic: _____

Date converted to PO: _____

Post-conversion follow-up:

Clinically continued to improve no change in therapy

Conversion back to IV antibiotic: Date converted to IV: _____
Reasons: _____

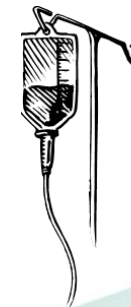
Other: _____

Documentation completed:

Progress note

i-VENT

Place in residents box following patient's discharge.



ASHP Mentorship Program

- 12-month Antimicrobial Mentorship Program
- Outcomes Focused:
 - Reduction in HA C. difficile infection rates
 - Time to effective antimicrobial therapy
 - Utilization of rapid diagnostic tests
 - Length of Stay: Cellulitis

Accelerating Antimicrobial



STEWARDSHIP PROGRAMS

Spreading the Word

- HPH Connections Newsletter
- Collaboration with Marketing Department





**Leaning toward less
bugs, not more drugs**

Use antibiotics
wisely