



New York State
Partnership
for Patients



NYSPFP ADE Optimizing Anticoagulation Care Series:

**Understanding Risks, Benefits, and
Treatment Indications**

April 2018

*A partnership of the Healthcare Association of New York State
and the Greater New York Hospital Association*



NYSFPF ADE Optimizing Anticoagulation Care Series

- Partnering with the Society of Hospital Medicine
- Engaging expert clinical faculty

- David Rosenberg, MD, MPH, FACP, SFHM

- Director, Evidence Based Clinical Practice
- Hospitalist, Department of Medicine
- Northwell Health
- Associate Professor of Medicine



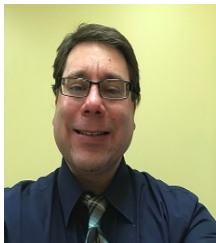
- Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

David Coriale, RPh, PharmD, BCPS

- Clinical Pharmacy Manager Oneida Healthcare

Kim Zammit, PharmD, BCPS, BCCCS, FASHP

- Clinical Pharmacy Coordinator, Kaleida Health
- Buffalo General Medical Center





NYSPFP ADE Optimizing Anticoagulation Care Series

Webinars: Future dates to be determined

- **April Webinar: Understanding Risks, Benefits and Treatment Indications**
- **July Webinar: VTE Prevention – Who, What, Where, When, How . . .**
- **September Webinar: Transitions of Care for Patients on Anticoagulants**

2018 In Person Conferences:

- **The Nuts and Bolts of Anticoagulation**
 - **NYC: Wednesday, May 16, 2018**
 - **Syracuse: Thursday, May 24, 2018**



Why Anticoagulants?

- Anticoagulants account for 17.6% of all ED visits for outpatient adverse drug effects, more than any other class of drugs
- Anticoagulants continue to account for large numbers of reported serious injuries (n=18,978) and deaths (n=3,018) in the US.
- Heparin and warfarin have been associated with medication errors more than many other medications
- Most adverse effects are preventable



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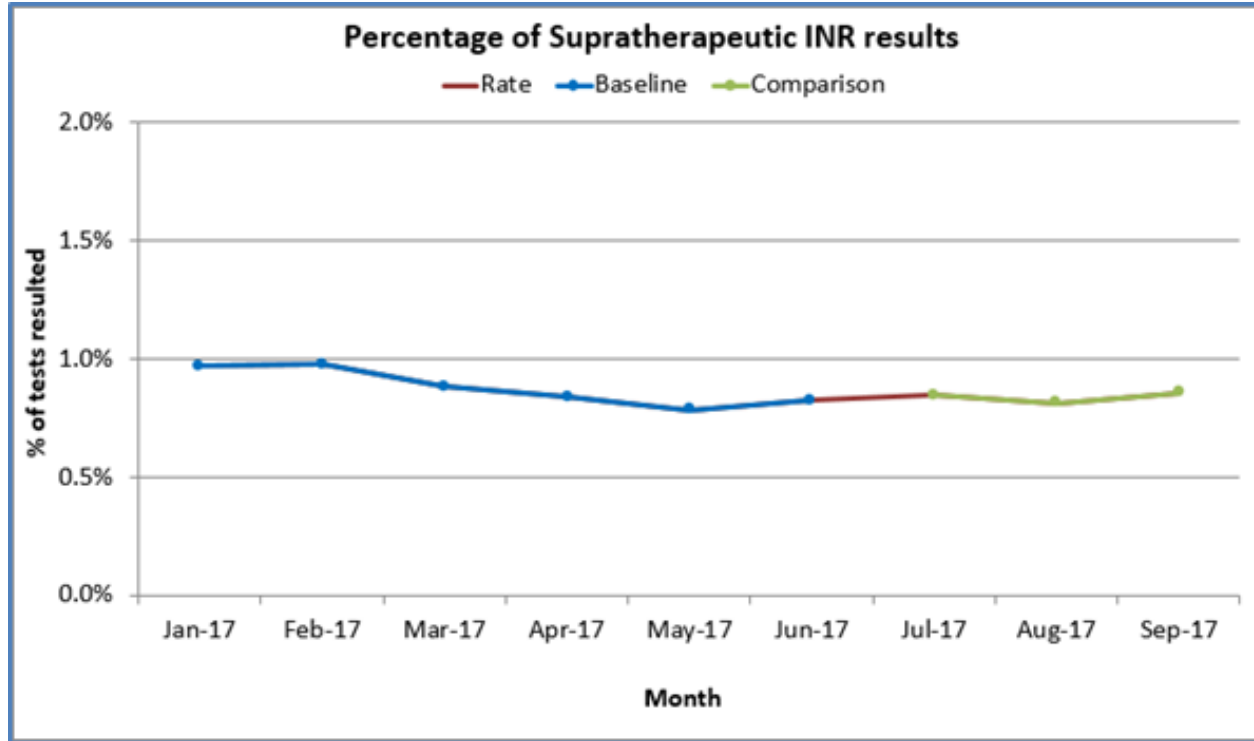


NYSPFP Hospital Experiences



Anticoagulant ADE Measure

Measure Type	Measure Description	Numerator Definition	Denominator Definition	Data Submission Time Period
Process Measure	Percentage of Supratherapeutic INR results	Number of INR results with values >5	Number of all INR tests resulted	Monthly

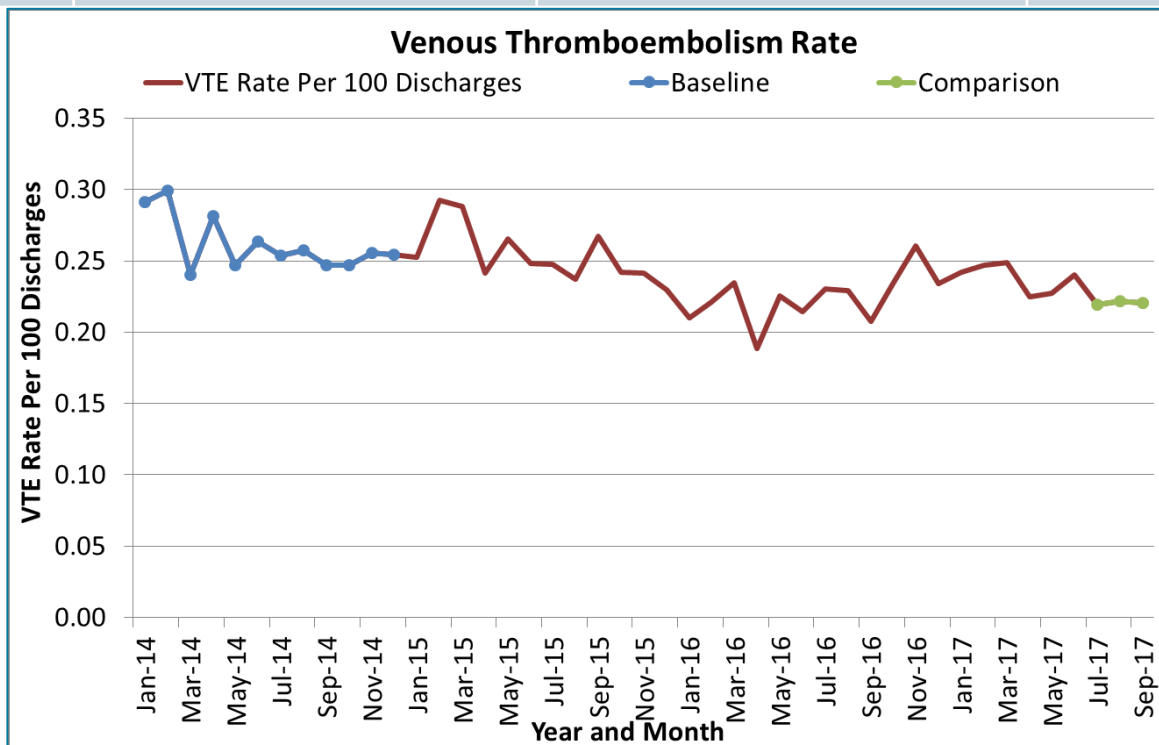


Supratherapeutic INR mg/dL mg/dL ADE Rate	Baseline 1/17-6/17	Number Reporting	Comparison Period 7/17-9/17	Number Reporting	% Improvement
Non-rural hospital cohort	0.88	96	0.84	86	4.93



VTE Measures

Measure Type	Measure Description	Numerator Definition	Denominator Definition
Outcome Measure	VTE rate per 100 adult inpatient discharges	Number of facility-acquired VTEs among adult inpatient discharges	Number of medical and surgical adult inpatient discharges

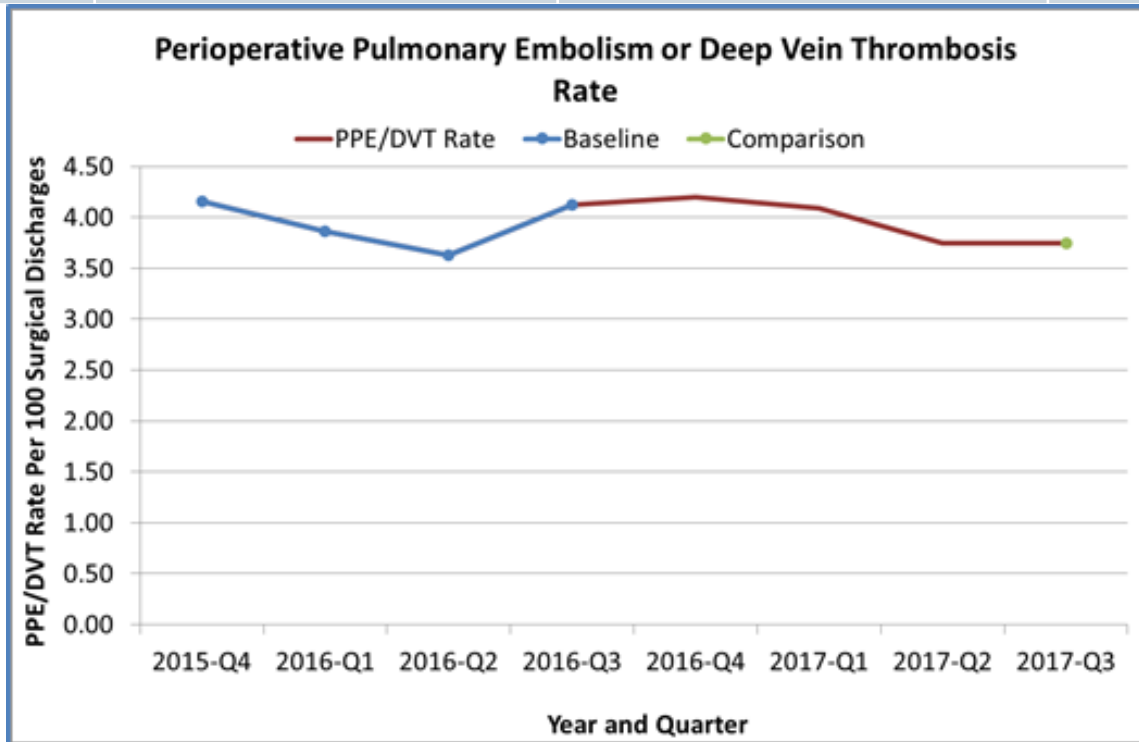


VTE Rate	Baseline 1/14-12/14	Number Reporting	Comparison Period 7/17 - 9/17	Number Reporting	% Improvement
Non-rural hospital cohort	0.26	152	0.22	150	15.45



VTE Measures

Measure Type	Measure Description	Numerator Definition	Denominator Definition
Outcome Measure	AHRQ PSI 12 — Perioperative PE or DVT (secondary diagnosis) per 1000 surgical discharges for patients > 18 years old	Number of surgical patients with hospital-acquired DVT or PE	Number of adult surgical discharges



AHRQ PSI-12 (ICD 10)	Baseline 10/15-9/16	Number Reporting	Comparison Period 7/17 – 9/17	Number Reporting	% Improvement
Non-rural hospital cohort	3.94	151	3.74	149	5.01



Agenda

Topic	Speaker
Welcome and Introduction Series Overview	NYSPFP Staff
Epidemiology of Thromboembolic Disease	Kim Zammit, PharmD, BCPS, BCCCS, FASHP Clinical Pharmacy Coordinator, Kaleida Health Buffalo General Medical Center
Risk of VTE and Treatment	David B. Coriale, RPh. PharmD, BCPS Clinical Pharmacy Manger, Oneida Healthcare
Indications	David J Rosenberg, MD, MPH, FACP, SFHM Director, Evidence Based Clinical Practice Northwell Health Hospitalist, Department of Medicine Associate Professor of Medicine Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
Closing Remarks and Q&A	NYSPFP Staff



NYSPFP ADE Optimizing Anticoagulation Care Series Next Steps

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Thank You!

