Get With The Guidelines:
How to make your data work for you!

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Disclosures

• Jean Luciano – no perceived or actual conflicts of interest as it relates to this presentation.
Objectives

• Discuss some of the available functions of GWTG-Stroke.
• Learn how to filter reports.
• Identify strategies for utilizing GWTG in continuous quality improvement.

The Basics
At your service!
Resources!
Dear Patient,

Your patient was admitted to our facility on 03/13/2017 with a diagnosis of Acute Stroke. An ischemic stroke occurs when a blood vessel bringing blood to the brain gets blocked, causing cells to lack the flow of blood that they need.

The records indicate that you are 64 years old. Your medical history includes the following factors that may increase stroke risk:

- Hypertension
- Hyperlipidemia
- Prior Stroke
- Smoking

The following measurements were taken:

- Height: 5'10"; Weight: 173 lbs; Body mass index (BMI) = 27.0 kg/m^2
- Your cholesterol was measured during the admission. Total cholesterol: 220 mg/dL, HDL: 37 mg/dL, LDL: 105 mg/dL, Triglycerides: 125 mg/dL
- Your initial NIHSS Stroke Scale score, a measure of disability, was 8.

The following medications were prescribed:

- Lansoprazole 30mg PO BID
- Metoprolol 25mg PO TID
- Nitroglycerin 0.4mg, 0.6mg, 1mg PO TID

You were discharged on 03/17/2017 to 1701. You were discharged on the following medications to help prevent future strokes, heart attack, or injury to your blood vessels:

- Aspirin
- Clopidogrel
- Eligacil

Effective prevention of stroke requires multiple visits and in-office counseling as well as compliance with the following:

- The use of an anticoagulant
- Close medical follow-up

Please be sure to follow-up with your primary care provider for follow-up visits and counseling.

Please note that the American Stroke Association (ASA) is not a physician and does not diagnose illnesses nor prescribe medications. Please refer to the National Institutes of Health for a complete list. Our institution believes that the ASA guidelines are helpful in the treatment of stroke patients.
Reporting

SHOULD WE ALWAYS IGNORE WHAT THE DATA SAYS, OR IS THIS MORE OF A ONE-TIME THING?

“Have a list of 100,000 warehouses full of data. I’d like you to condense those down to one meaningful warehouse.”
"Let's shrink Big Data into Small Data ... and hope it magically becomes Great Data."
Sharing Data Through Your System
Who needs some more staff!!

Continuous Quality Improvement

Pointing out data problems

\[
\text{If you do} \quad \text{If you don't} \quad \text{DAMNED}
\]
Does day of the week matter?
Primary & Secondary Prevention
Ongoing Professional Practice Evaluation (OPPE)
“After careful consideration of all 437 charts, graphs, and metrics, I’ve decided to throw up my hands, hit the liquor store, and get snockered. Who’s with me?!”