

## EMRA/FERNE ED Documentation Session: How Can Electronic Records Help Improve Clinical Documentation?

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## Disclosures

- Sunrise Solutions Group, Inc
  - President, Founder
    - Healthcare IT and Process Improvement Solutions consulting group

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## Why do we chart?

- Document care given to a patient....

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## Why do we chart?

- Create a billing document
- Communicate with other stakeholders care events
- Protect our \_\_\_\_\_
  - Medico- legal concerns

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## The paper chart

- Poor quality documentation
- Prompts
  - None
  - (few or generic)
- Difficult to & retrieve
- Difficult to extract information (data)



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## The Electronic Chart

- High quality—
  - complete
- Integrated decision support
- Easy to store and retrieve
- Ability to extract data

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## How can electronic records help?-- quality clinical care

- Documentation Templates
- Integrated Decision support
  - Risk Management
    - Ask the correct questions
  - Regulatory Requirements
  - Guideline Adherence
- Order Sets
  - Labs, rads and medications

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## How about billing/coding?

- Level of Service Calculators
  - End of documentation
  - As you go – Real time
- Procedure templates
  - US... etc
- Critical Care – the correct phrase....

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## HPI Templates

- *'The ischemic stroke onset time has been confirmed in the following way, suggesting the three hour window for IV tPA has not expired'*
- HPI templates-
  - Customize disease specific templates

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## HPI Template Principles

- Content enough for level 5 visit
- All inclusive of clinical course of presenting complaint
- Incorporate high risk data elements
- Incorporate reminders and prompts to support clinical decision making
- No hard stops– don't torture docs!

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# FERNE /EMRA 2008 ACEP SA ED Documentation Meeting

## Optimal ED Documentation Using the Electronic Medical Record

### Kevin Baumin, MD

This screenshot shows the EMR interface for a patient with a Chief Complaint of Chest Pain. The patient's vital signs are displayed at the top: BP 154/75, Temp 36.3, RR 18, SpO2 96%, and Pain 0. The 'COMORBIDITIES' section is expanded, showing a list of conditions including 'Currently symptomatic', 'Approved', 'Historical', and 'Resolved'. Other sections visible include 'SYMPTOMS CONSISTENT WITH CVA', 'STROKE TEAM ALERT', 'HISTORY', 'QUALITY', and 'ASSOCIATED WITH'.

This screenshot shows the EMR interface for the same patient, focusing on the 'COMORBIDITIES' section. It lists various conditions such as 'History of DVT', 'Anticoagulated', 'Seizure', 'Cancer', 'PHD', 'Prior CABG/ATA', 'Diabetes', and 'Alcohol Fabrication'. The 'TPA INCLUSION' section is also visible, with options for 'Is Patient a TPA Candidate?' and 'Is Patient a TPA Exclusion?'. The 'TPA CONSIDERED' section includes a question about whether TPA was considered in the evaluation and treatment of the patient.

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## Conclusions

- Electronic Records can help
- Be involved
  - Work with EDIS/IT teams to design what you need
- Sunshine– display- data
- Nudge
  - Consolidate important information and prompt users to change behavior

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## Questions?

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