Avoidable Imaging Wave III Measures Update
Disclosures & Disclaimer

- Centers for Medicare and Medicaid Innovation: ACEP TCPI
- Contracted with Centers for Medicare and Medicaid Services to develop hospital outcome and efficiency measures
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Presenter

Arjun Venkatesh, MD, MBA, MHS
2017: Avoidable Imaging Wave II was a Success

- 198 EDs engaged in Wave II including over 8,000 clinicians

- Over 600 MIPS Improvement Activity Credits Earned

- Observed reductions in CT use in:
  - Head CT after **Minor Head Trauma**
  - Head CT for **Syncope**
  - Abdominal CT for **Renal Colic**
2018: Sepsis Wave III

- Over 500 ED sites including over 14,000 emergency clinicians signed up!

- 5 Imaging Categories to Participate in:
  - High-Cost Imaging for **Low Back Pain**
  - Head CT after **Minor Head Trauma**
  - Chest CT for **Pulmonary Embolism**
  - Abdominal CT for **Renal Colic**
  - Head CT for **Syncope**
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<td># Abdomen CTs without Contrast / Flank &amp; Back Pain ED Visits</td>
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Measures Updates: Age Limits

**Low Back Pain**
MRI/CT/XR Utilization: *Exclude >65 yo*

**Minor Head Injury**
Head CT Utilization & Dx Yield: *Exclude >65 yo*

**Pulmonary Embolism**
Chest CT Utilization & Dx Yield: *No Age Exclusion*

**Syncope**
Head CT Utilization: *Exclude >65 yo*

**Renal Colic**
Abdominal CT: *Exclude >65 yo*
Avoidable Imaging Wave III Activity 2: Benchmarking

Details about the data collection process and metrics for each of the 5 E·QUAL imaging targets are available below.

### Benchmarking I

Collecting data is essential to engaging clinicians in QI efforts. Benchmarking is critical to helping front-line clinicians and organizational leaders understand the current state of imaging use in your ED and to demonstrate improvements in Activity 10. Submit recent data (July to September 2018) for benchmarking local Avoidable Imaging care performance.

Collaboration with radiology is critical to improving and measuring imaging ordering. In addition to completing this benchmarking activity, you will have the option to work with your radiology department using R-SCAN that is supported by the American College of Radiology (ACR). Ask your radiologist partner if their group could participate in R-SCAN in parallel with your work on E·QUAL. Collaboration on both projects will reduce work burden and increase your Improvement Activity score to include IA_CC_7 Care Coordination.

If they participate in R-SCAN, they will review ED charts for appropriateness of imaging ordering and you will meet with them to review the data. They can get more information on how to participate at: https://rscan.org/

Describe how you will collect and submit data on imaging use for this project

Obtain and analyze imaging data in order to produce a simple utilization report by provider for a specific indication (e.g. number of head CT scans per 100 ED visits with a trauma-related ICD-9/10 diagnosis).
Bottom Line – For Wave III

Choose Imaging Category(s) Option

- Low Back Pain
- Pulmonary Embolism
- Minor Head Injury
- Syncope
- Renal Colic

Learn Metric Details

Promote Metrics

Drive Local Projects

Showcase Improvement

“In God we trust, all others bring data” – W. Edwards Deming
For More Information

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