



# Information Storage in the Electronic Chart

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## Synopsis

- Introduction
- Review of TG262 external survey questions about information storage in the electronic chart
  - Storage formats for some standard chart elements
  - Utilization of free text notes by clinical staff
  - Documentation of physics checks
  - Type of approvals and how commonly they are used



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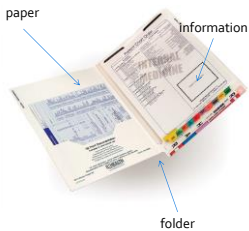
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## Information

- Then
- Now
  - Dual screen
  - On txt note
  - Dynamic Document
  - Journal entry
  - Alert
  - Questionnaire
  - Checklist
  - Embedded prescription
  - Encounter
  - QCL note
  - ...



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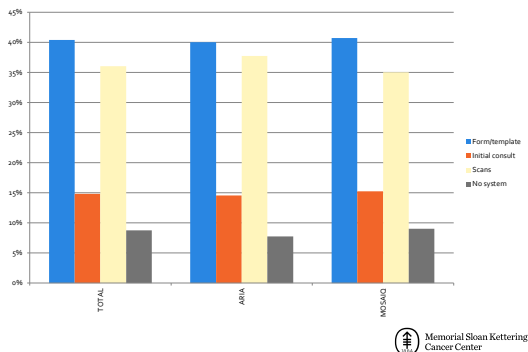
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**How do you document special circumstances (pregnancy, ICD, etc)?**




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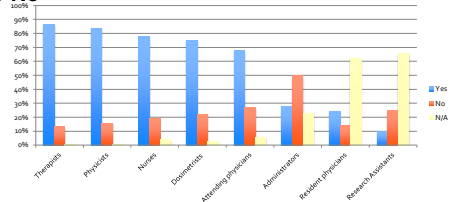
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**SURVEY QUESTION**

**Please specify whether each group listed below uses free text notes in your RO-EMR (ARIA journal, MOSAIQ On-Tx notes, etc) Yes or No**




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**SURVEY QUESTION**

**Do you use the RO-EMR to document incomplete treatments, missed appointments, or machine failures? Yes or No**



ARIA, MOSAIQ comparable  
Check for saveback errors!

ARIA, MOSAIQ comparable

Breakdown for machine failures:  
ARIA=63%  
MOSAIQ=74%

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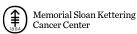
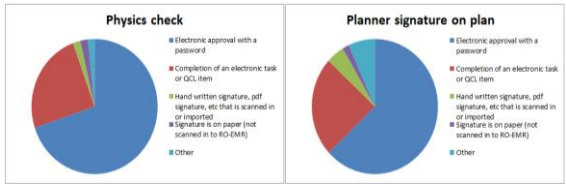
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## Physics signatures




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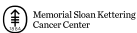
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## Summary

- Context is important when determining how to store different types of information most effectively.
- Most users utilize forms or templates for most standard chart elements
- The brachytherapy/non-standard treatment device directive was not as electronically integrated as external beam.
- Use of free text notes predictably parallels usage of ad hoc notes to the treatment record in the paper chart
- Incomplete treatments, missed appointments and machine failures and documented in the RO-EMR more often than not.
- Physics checks are most commonly documented as tasks alone however many have accompanying forms
- Approvals are most commonly applied via electronic authentication though tasks are also common for certain elements.




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## Thank you!

### Acknowledgments

- Members of TG262
- Michael Woodward and AAPM for hosting the survey
- Survey participants




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