

EARLY HEARING DETECTION

WORKFLOW ANALYSIS AND INTERVENTION PROTOCOL IN PUBLIC HEALTH

By

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 - Who, what, and why?
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 - Informatics?
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Problem – Who?

- Public Health HIT/HIE Informatics for the Medicaid Health Information Network of the Oregon Health Authority
 - “Public Health Informatics”
- Early Hearing Detection and Intervention (EHDI) program

Problem – What & Why?

- Reduce lost-to-follow-up
- Providers not always included in the flow of information [1]
 - Knowledgeable providers can help reduce lost-to-follow-up
- Use Referral Management [1]
 - Include providers
- Key issue: No documented workflow for this process to start from
- Objective: Specify the workflow and identify the players and interactions involved!

Solution – Informatics?

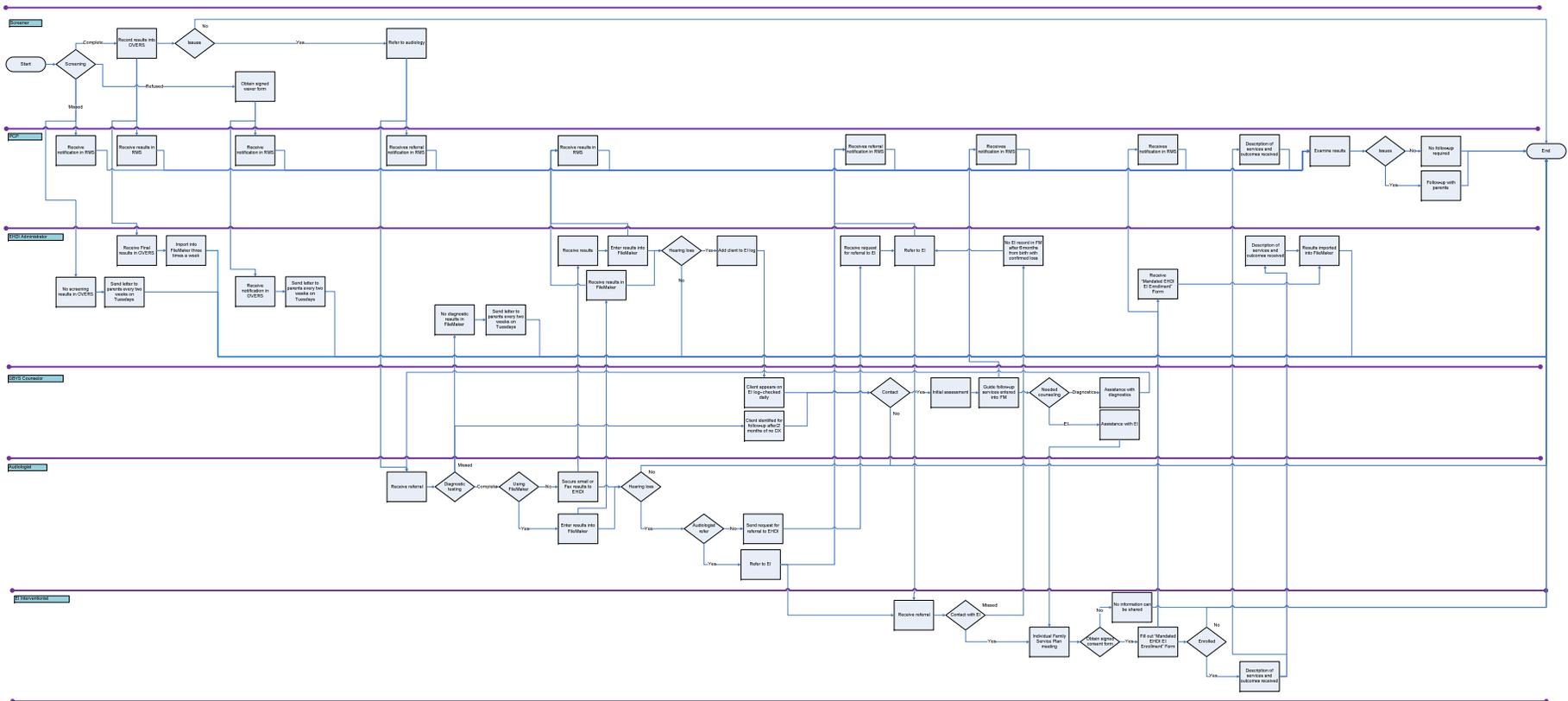
- Large focus on data management
 - Information exchange is coordinated, efficient, and meaningful
 - Ensuring system 'A' can talk with system 'B' and 'C'
- Workflow analysis perspective
 - Identifying system 'A', 'B', and 'C' and their interactions

Solution – Workflow Analysis

- Two primary sources of information
 - Key informant interviews
 - Literature resources
- Translating information into a “readable” diagram

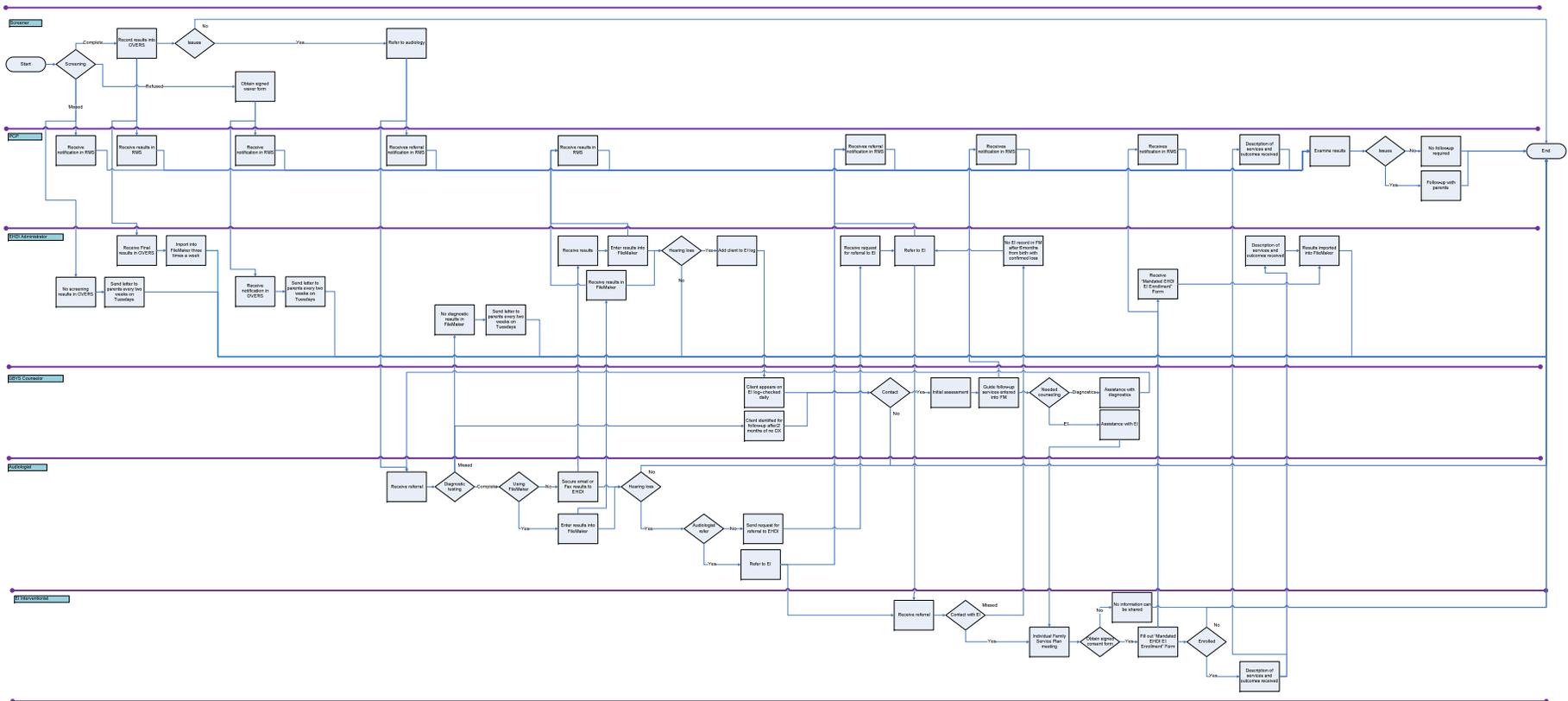
Results – Workflow

- The workflow



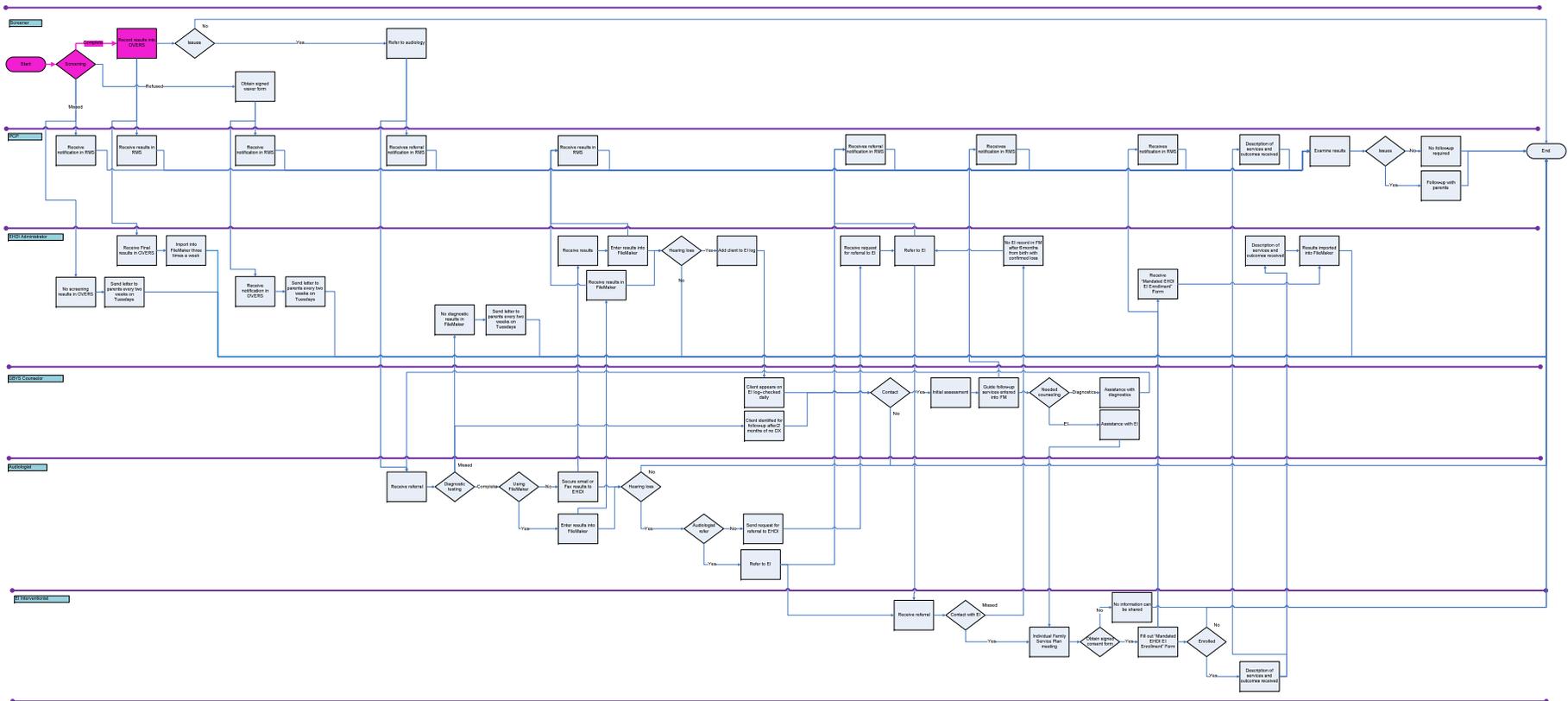
Results – Workflow

- The workflow



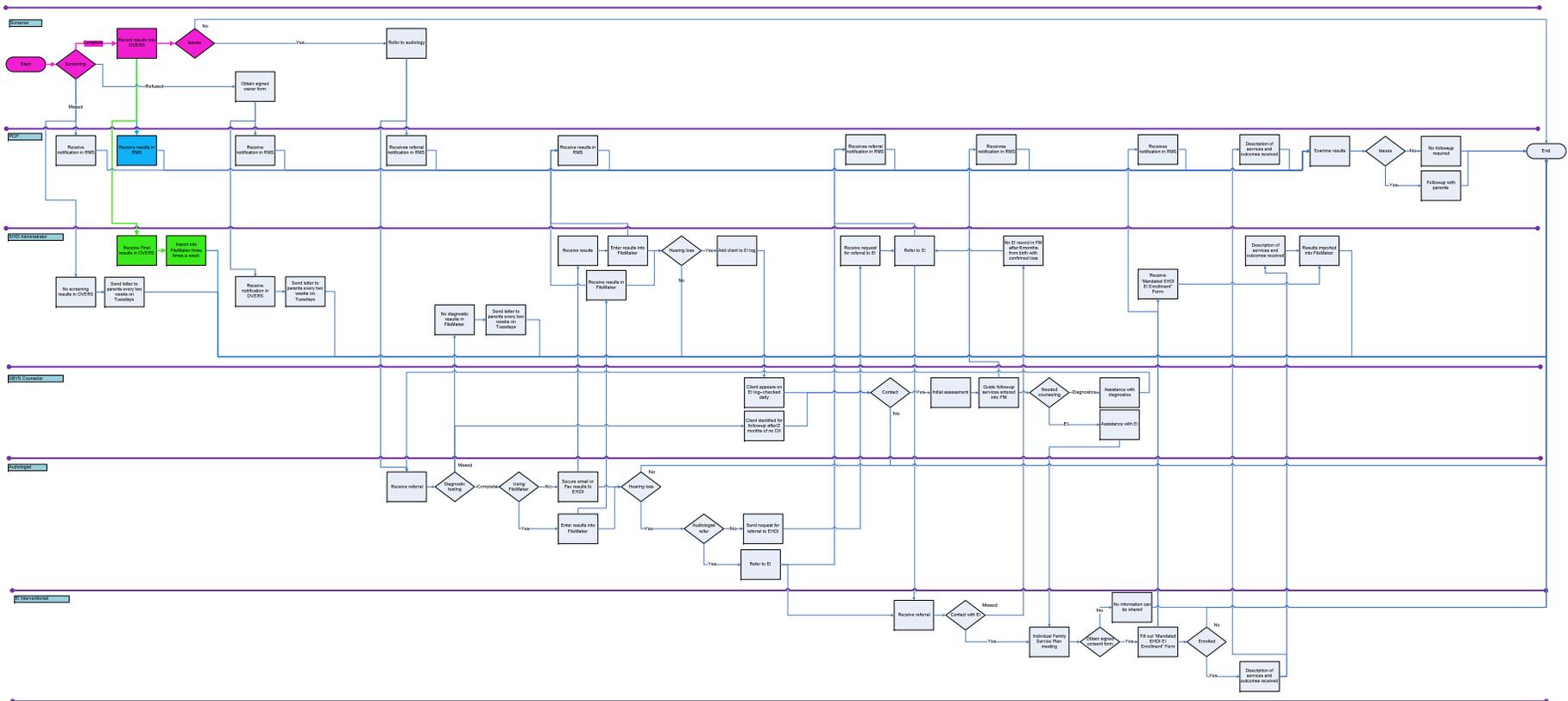
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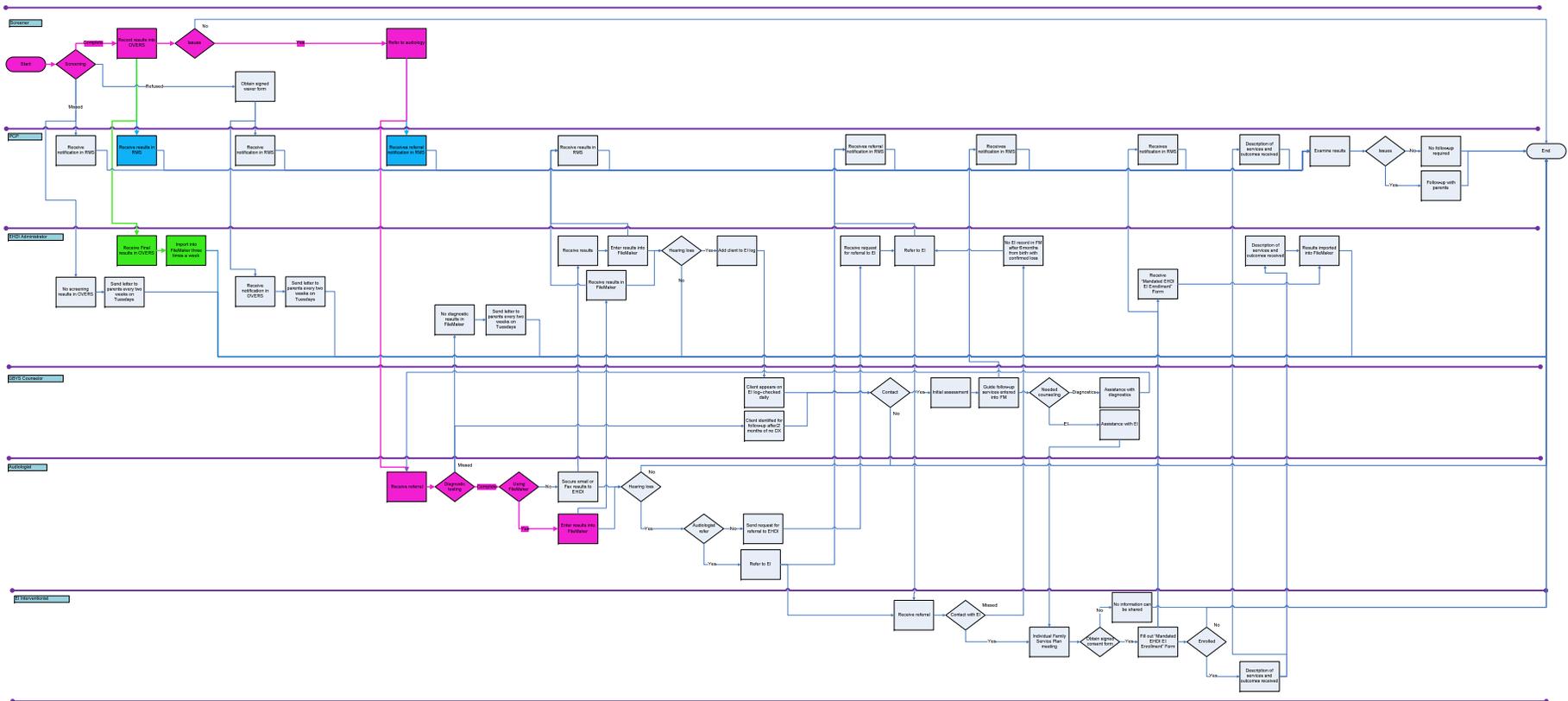
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- The workflow



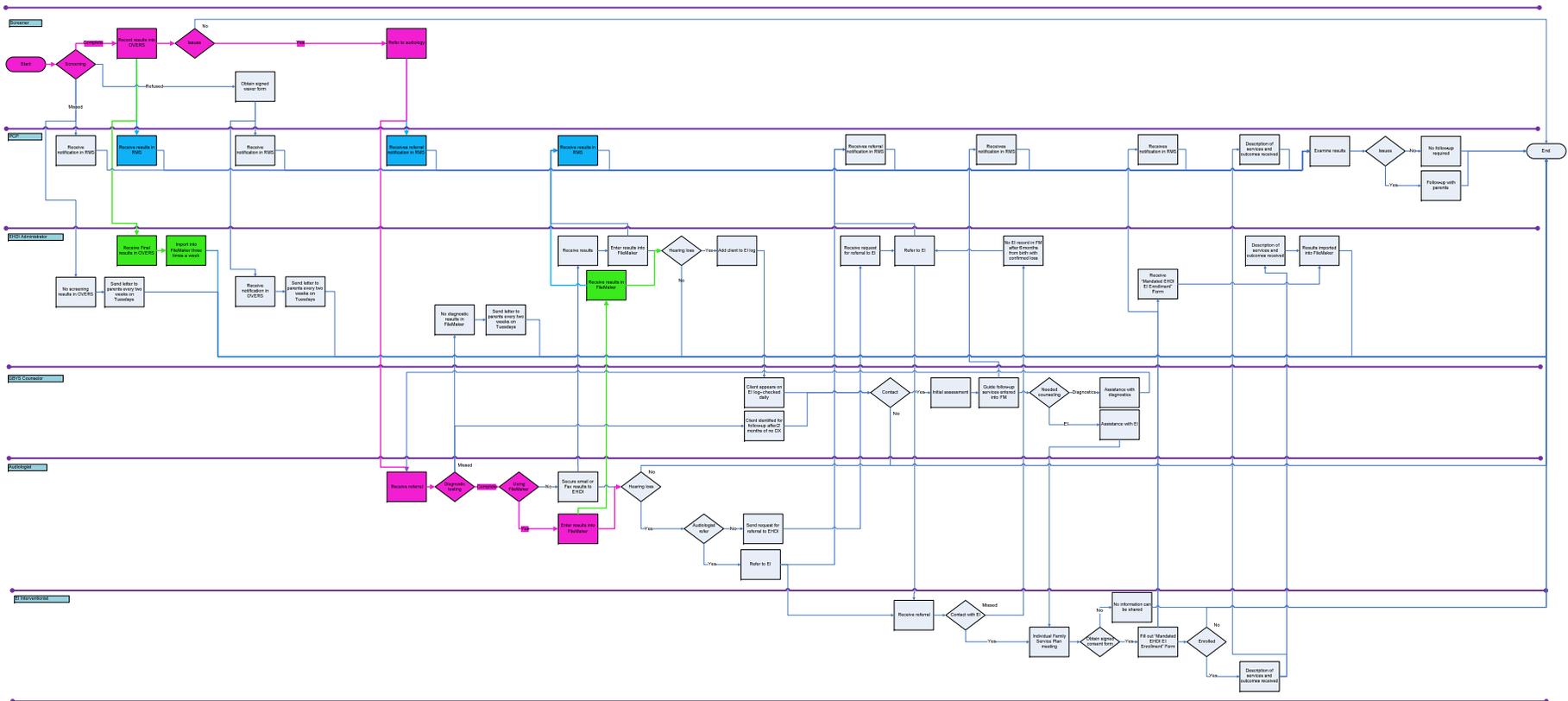
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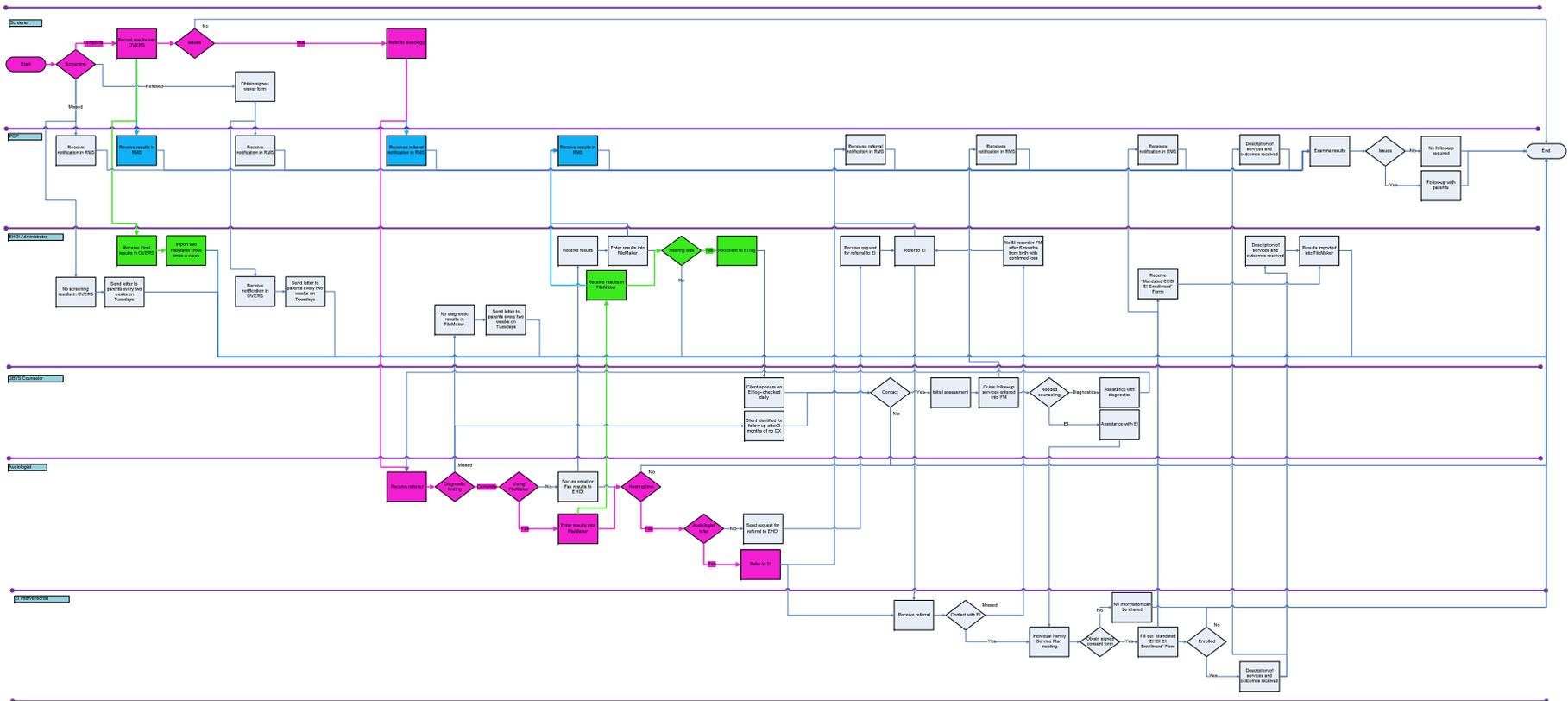
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- The workflow



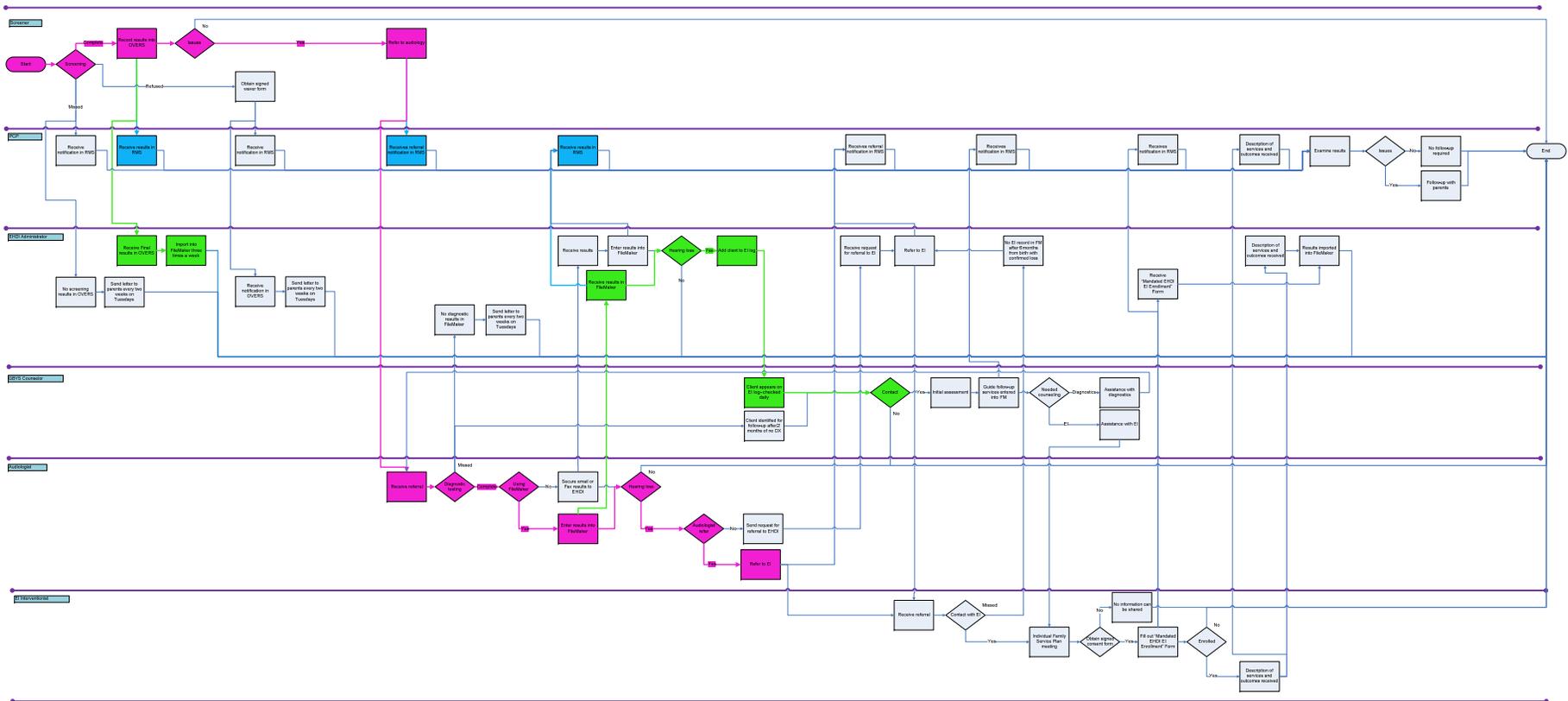
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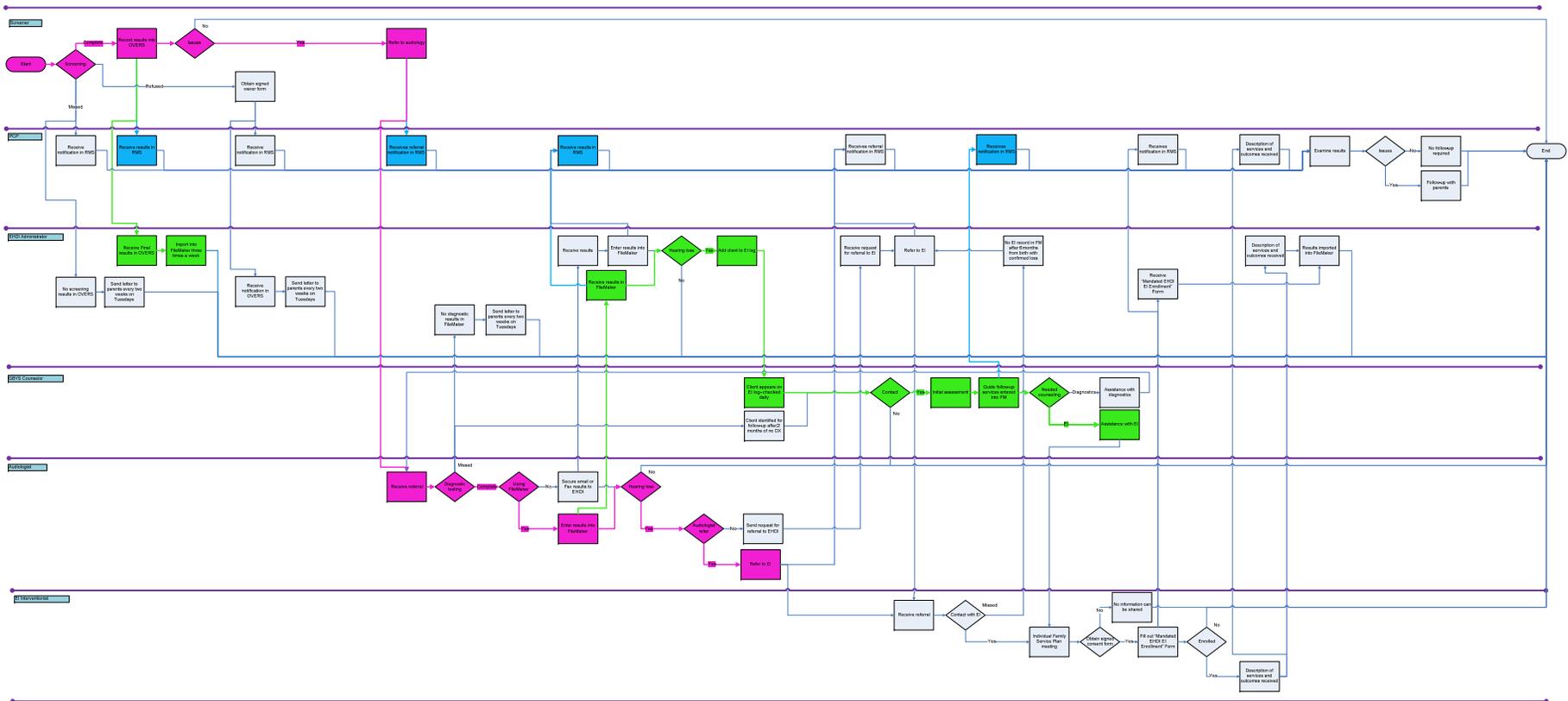
Results – Workflow

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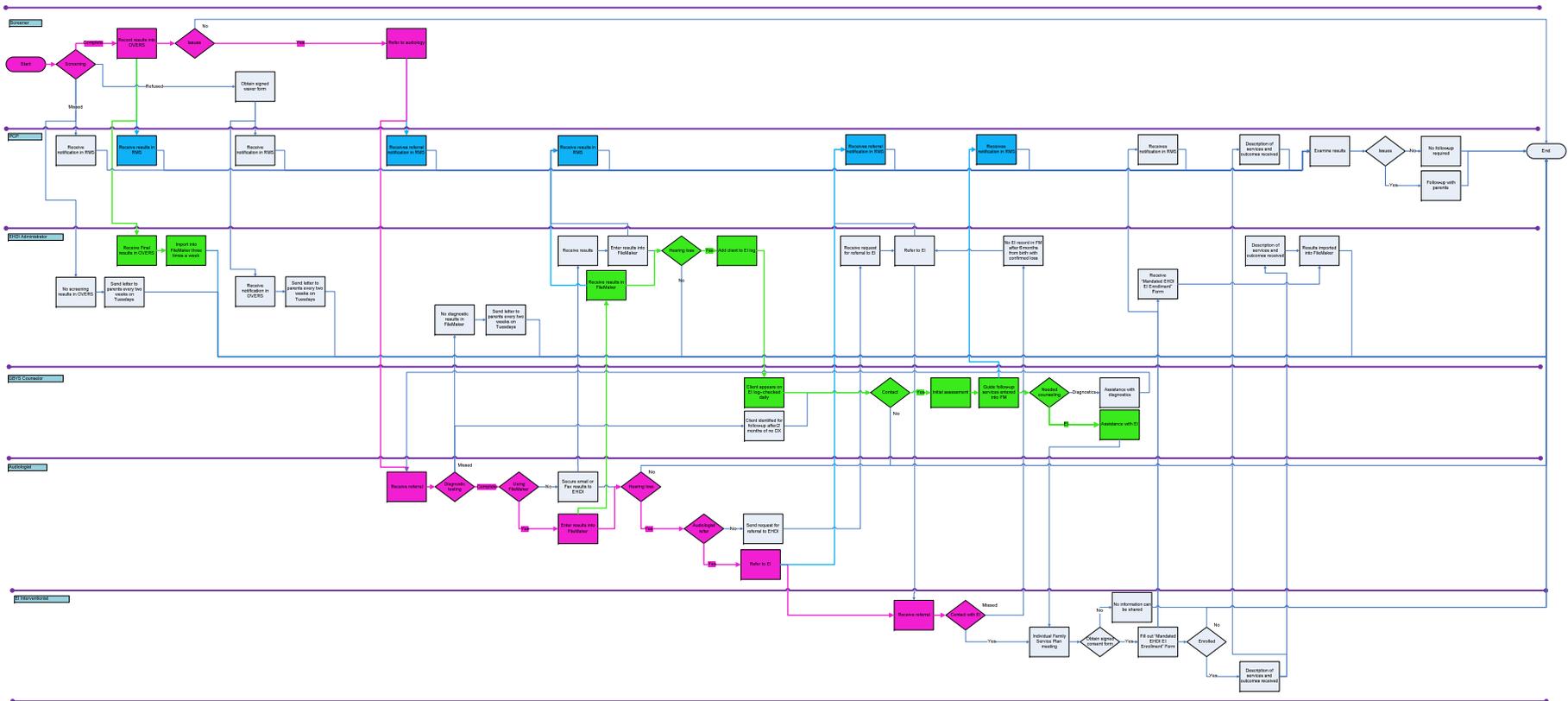
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- The workflow



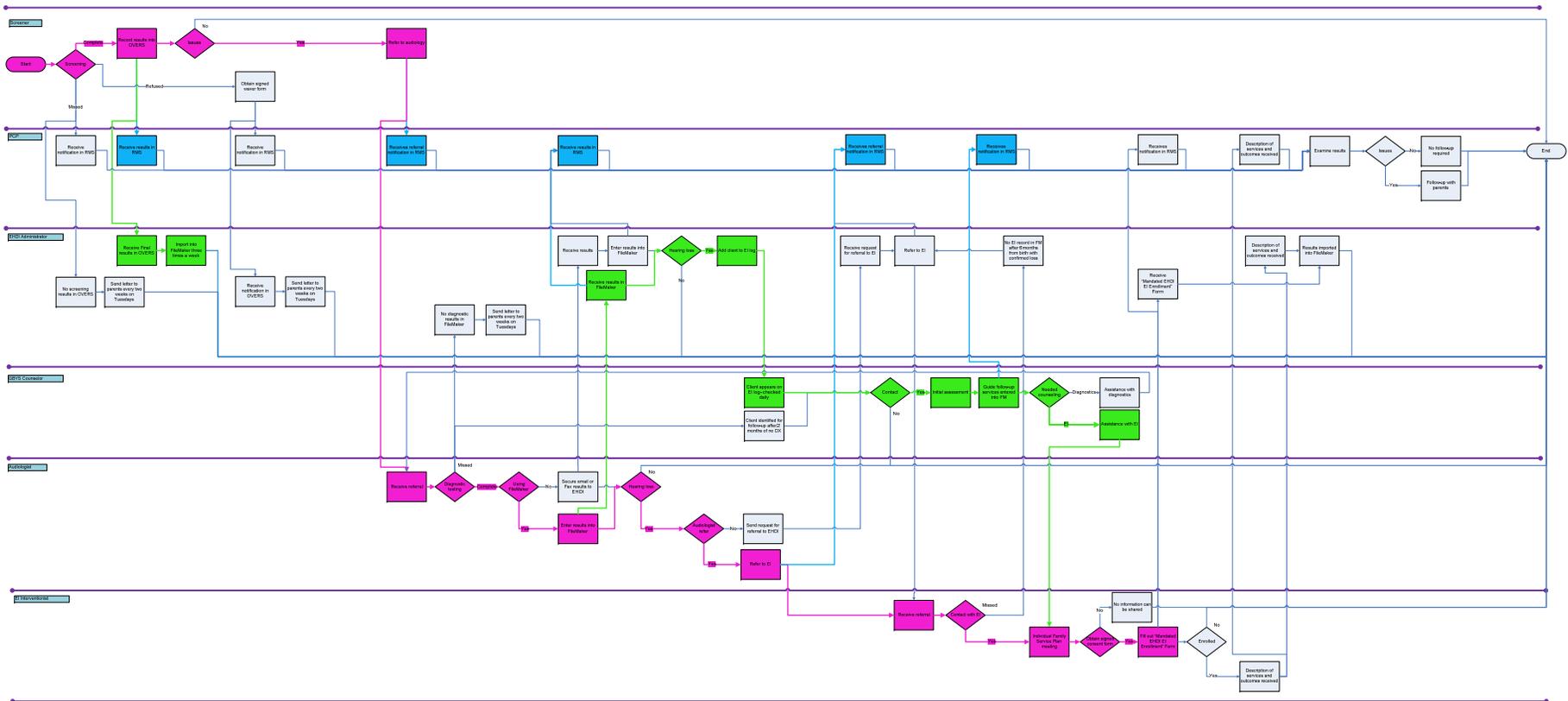
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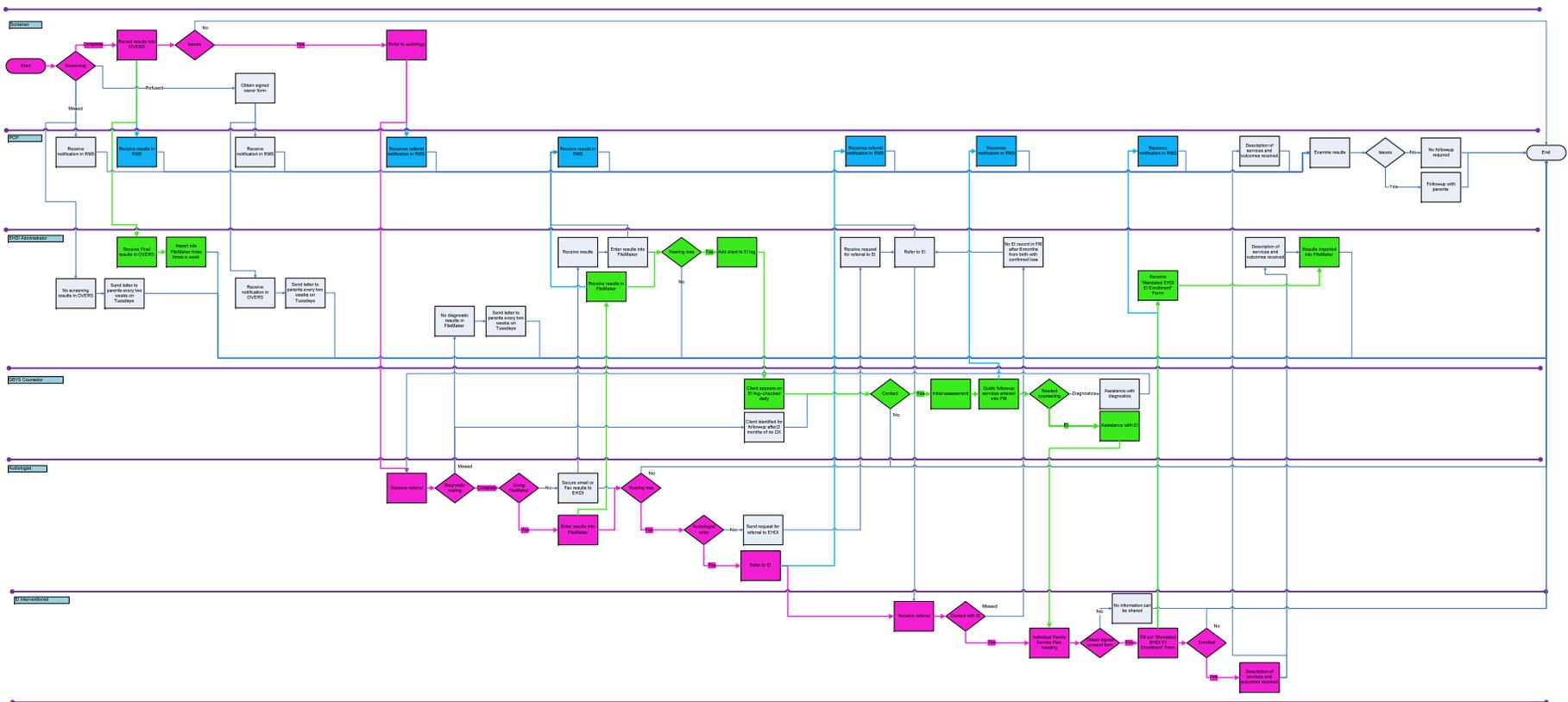
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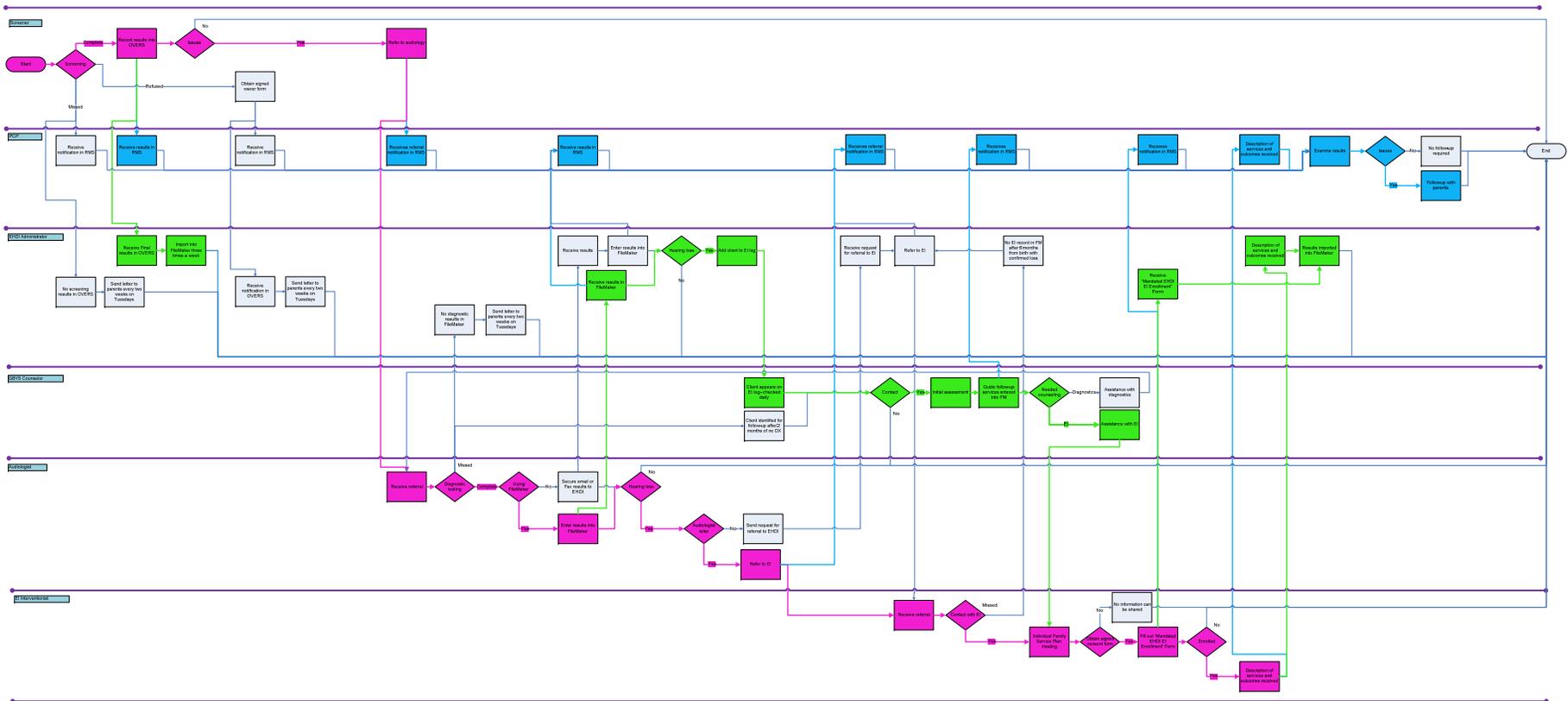
Results – Workflow

- The workflow



Results – Workflow

- The workflow



Future Direction

- Updating and expanding the workflow - this is a continuous process!
- Preparing documentation for implementation plans to secure funding

References & Acknowledgements

1. *Initial Feedback about the Child Health Profile: Interviews with Stakeholders*. Dowler, David, PhD. State of Oregon, Department of Human Services. August 19, 2010.

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