Streamlining Treatment Design Processes and the Role of the Planner

What are treatment design processes?

Treatment Design
Why is this inefficient?
Treatment Design

1. Import & Fuse Images
2. Contour OARs
3. Create Tx Plan
4. Write Up Tx Plan
5. Review & Approve Tx Plan
6. Check Tx Plan
7. Dosimetry
8. Physician
9. Physics

Patient: R.N.
Status: Sim completed
Info: MD available for contouring

Patient: D.S.
Status: Target contoured
Info: More difficult treatment plan
Treatment Design

Import & Fuse Images
Contour OARs
Create Tx Plan
Write-Up Tx Plan

Review & Approve Tx Plan
Check Tx Plan

Dosimetry
Physician
Physics

Patient: C.A.
Status: All contours finished
Info: MD review window closing

Dosimetry
Physician
Physics

Create RapidPlan
Treatment Design

Team-Based Dosimetry

Team-Based Dosimetry
## Team-Based Dosimetry

<table>
<thead>
<tr>
<th>Start Date</th>
<th>Most Urgent Task</th>
<th>Most Urgent Task</th>
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### Task List
- Patient H.C.
- Patient M.E.
- Patient J.S.
- Patient B.D.
- Patient S.E.
- Patient E.K.
- Patient T.N.
- Patient G.V.

### Task List
- Import & Fuse Images
- Contour OARs
- Create RapidPlan
- Review & Approve Tx Plan
- Check Tx Plan
- Write-Up Tx Plan
- Create Tx Plan
- Contour OARs
- Create RapidPlan

## Treatment Design

### Task List
- Patient R.R.
- Contour OARs
- Create RapidPlan
- Patient E.F.
- Contour OARs
- Create RapidPlan
- Patient D.H.
- Contour OARs
- Create RapidPlan
- Patient G.T.
- Contour OARs
- Create RapidPlan
- Patient V.V.
- Contour OARs
- Create RapidPlan
- Patient F.T.
- Contour OARs
- Create RapidPlan
- Patient L.U.
- Contour OARs
- Create RapidPlan
- Patient O.P.
- Contour OARs
- Create RapidPlan
- Patient J.L.
- Contour OARs
- Create RapidPlan

## What's next?

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<thead>
<tr>
<th>Dosimetry</th>
<th>Physician</th>
<th>Physics</th>
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