Full Automation of Head-And-Neck Contouring, VMAT Planning, and Independent Plan Checks

Presenting Author: Rachel McCarroll Session Title: Knowledge-based Treatment Planning Date and Time: Wednesday 8/1, 10:15AM — 12:15PM

Challenge: ~60,000 radiation therapy staff needed in low- and middle-income countries by 2020 **Proposed Solution:** Automate the treatment planning process for head-and-neck

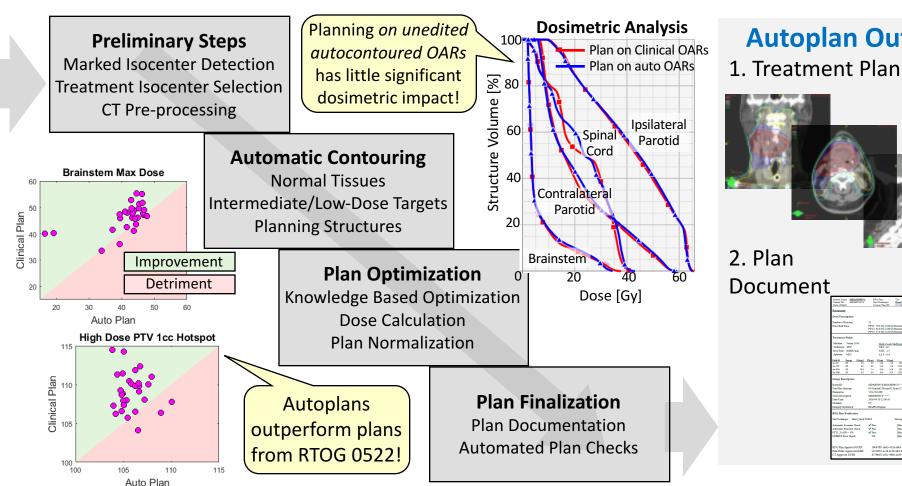
Required Information

- 1. Patient Information
- 2. Patient CT Scan



3. Manually delineated **Primary and Nodal GTVs**





Autoplan Output

