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### A Multi-Criteria Ranking Algorithm (MCRA) for Determining Breast Cancer Therapy

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**Highlights**

- New multi-criteria ranking algorithm for planning patient-specific breast cancer therapy
- Algorithm integrates weights of criteria from AHP and feedback of oncologists
- Algorithm also incorporates binary patient conditions for each criterion
- Algorithm can be used as a decision-support tool to aid oncologists and educate patients
- Our approach can be adapted to solve other complex decision-making problems

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