

# Radiologists Add Value by Participating in Patient Progression and Complex Care Management Rounds

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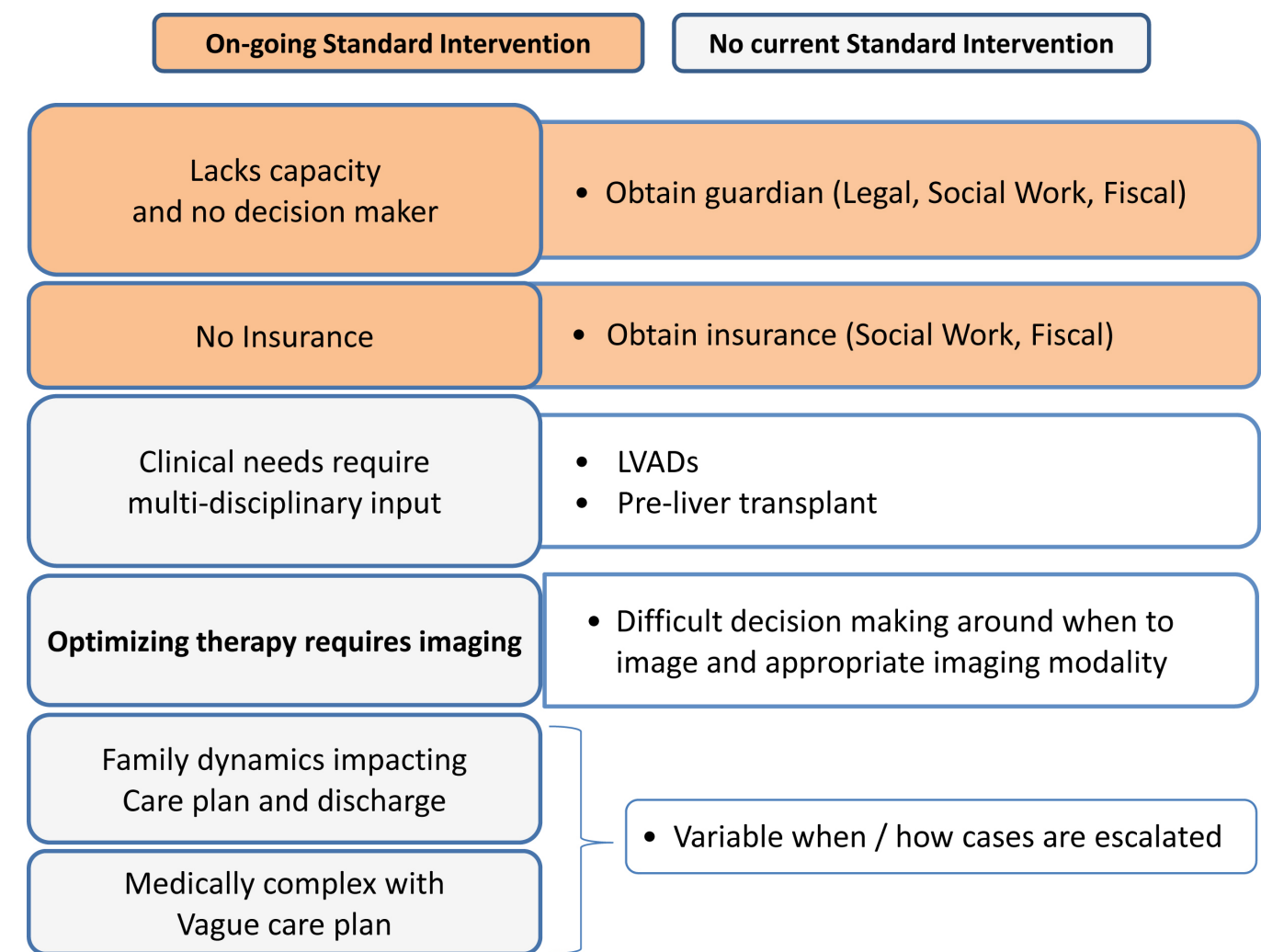


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## BACKGROUND

- Longer length of stay usually occurs:
  - For patients requiring complex procedures
  - For patients having multiple co-morbidities
  - For difficult to manage conditions
  - For patients with complications during their hospital stay
- Value-based payments are linked to:
  - length of stay
  - readmission rates
  - outcomes
  - patient satisfaction
- Currently radiologists can directly reduce length of stay by
  - reducing report turnaround time
- Value for imaging increases if:
  - Right test
  - Right time
  - Right patient
- However, radiologists are currently not present at the point of order entry
- Therefore, their ability to affect decision-making is limited for:
  - Right test
  - Right time

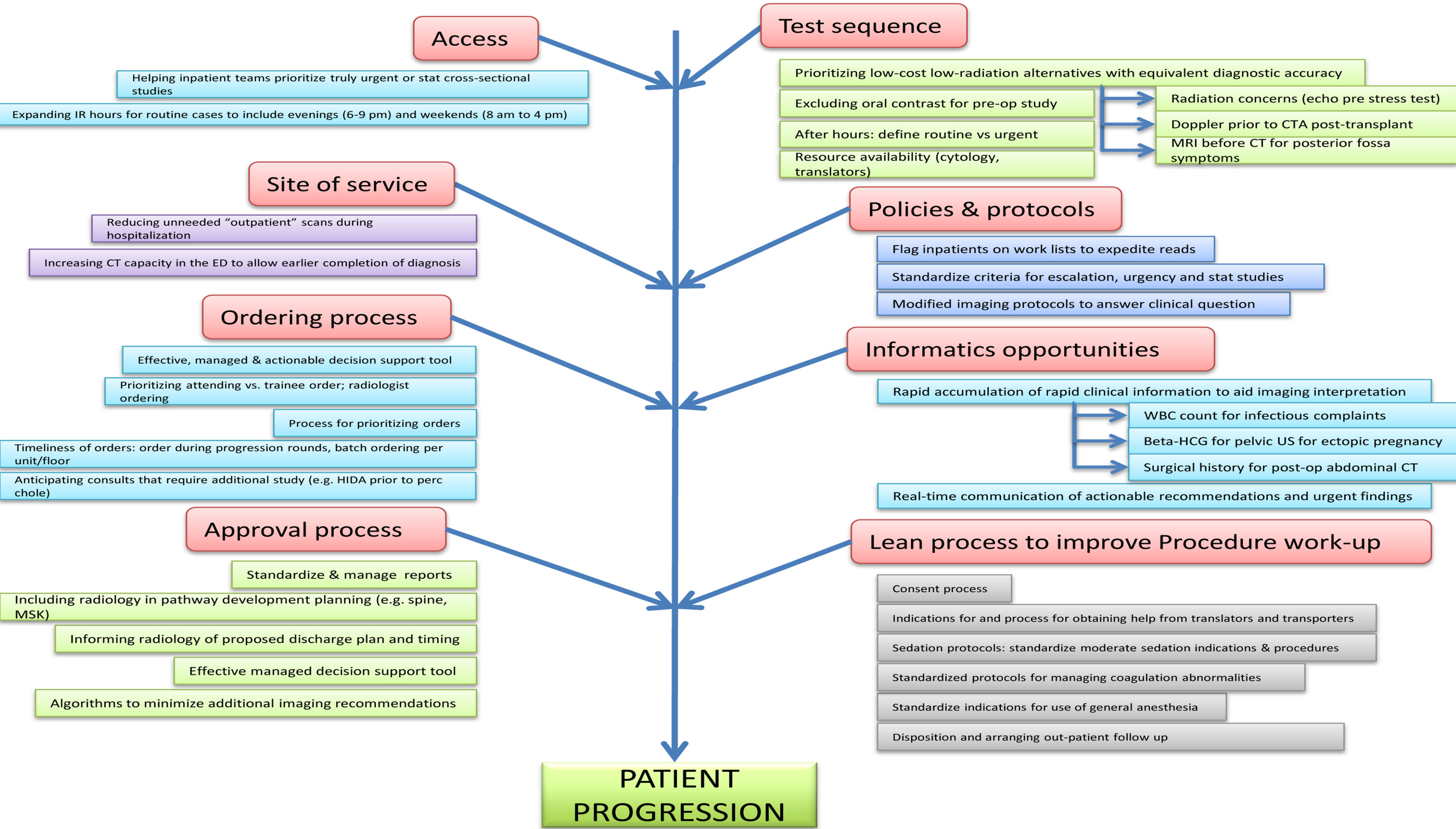
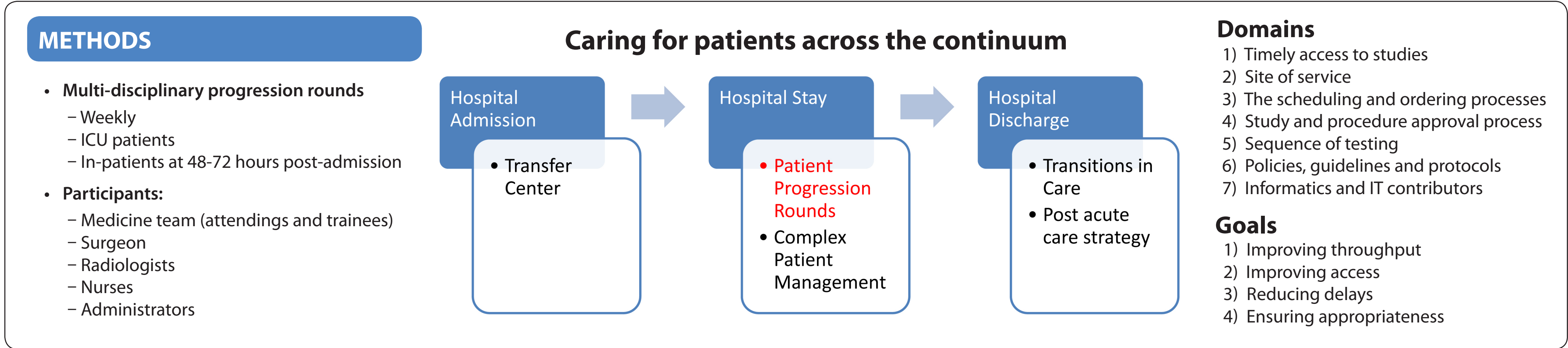
## COMPLEX PATIENT MANAGEMENT – Pre-Study period



- Radiologists can also potentially affect length of stay:
  - Rapid diagnosis in the ED to help initiate therapy
    - CT/MRI for stroke
    - Abdominal CT for acute abdominal conditions
  - Post-therapy imaging to guide management plan
    - Serial radiography for pneumonia or pulmonary edema
    - Post-surgical imaging for early recognition of complications
  - Pre-discharge imaging to prevent readmissions
    - Doppler ultrasounds for liver transplant patients

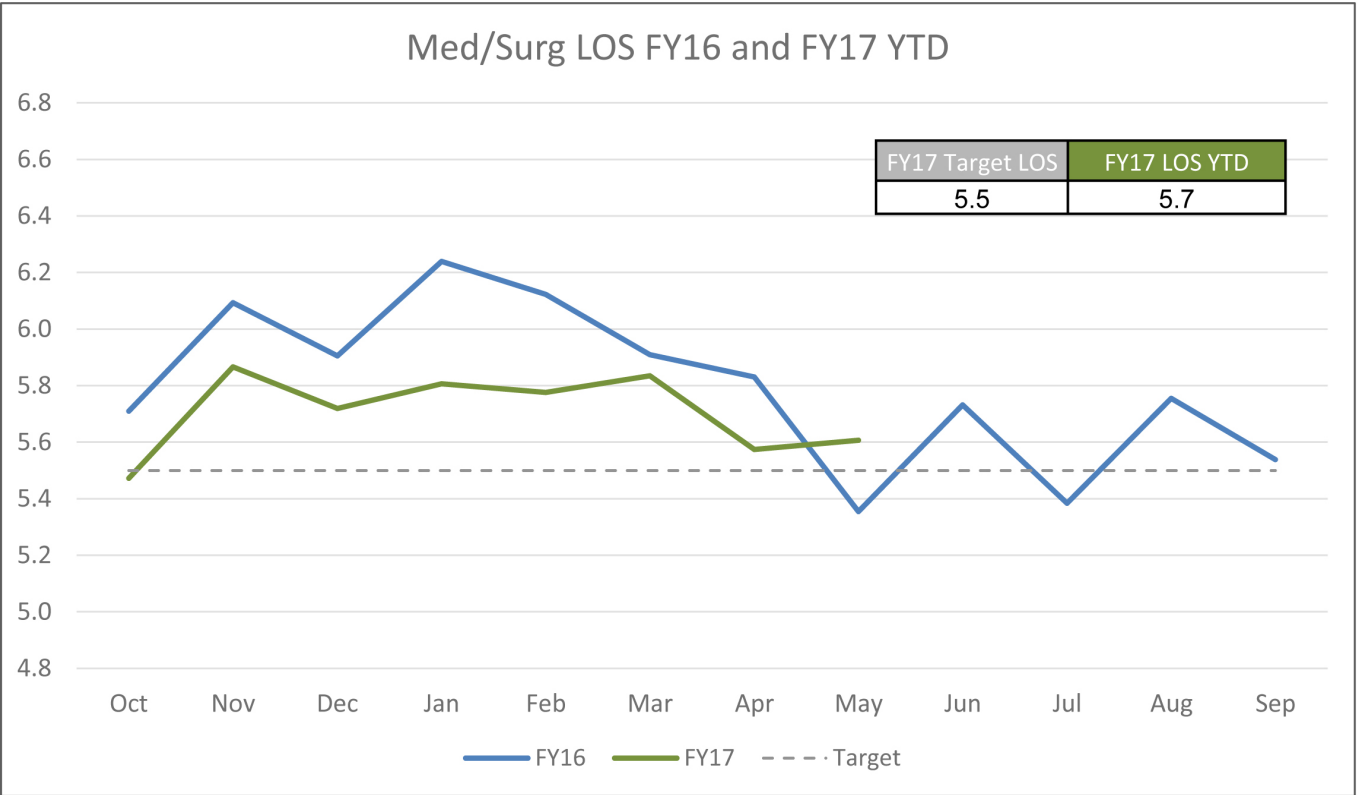
## PURPOSE

Document how radiologists can contribute to progression rounds and safely reduce length of stay



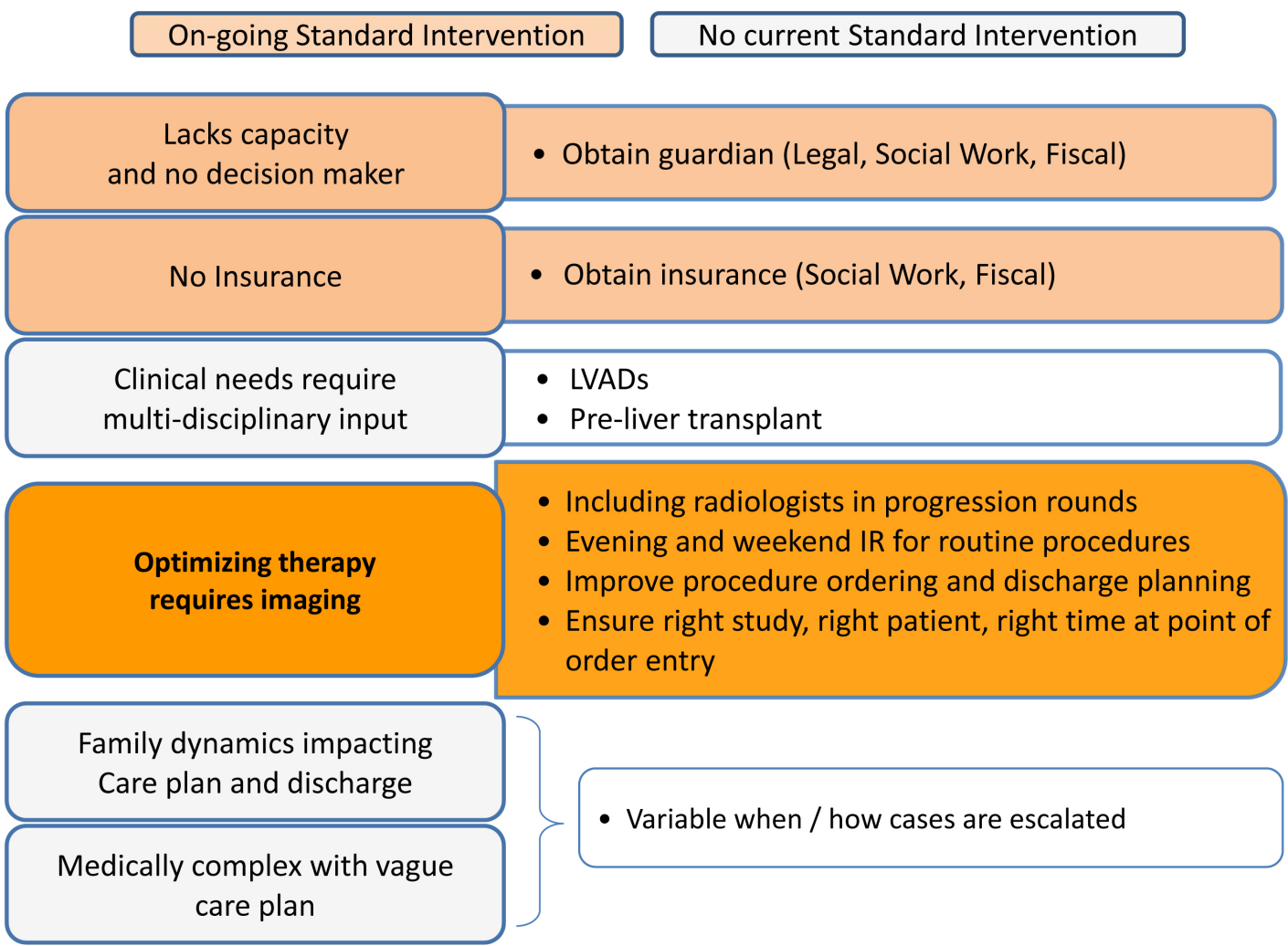
## RESULTS

- Of the 8 domains, 29 implementable opportunities were identified
- Those with greatest impact included:
  - prioritizing attending orders
  - bypassing surgical consults for certain procedure requests
  - reducing use of oral contrast
  - radiologist on rounds facilitates procedure requests
  - flag inpatients on reading lists
- The greatest delays were related to scheduling, performance and disposition of patients undergoing procedures
- Additional roles that the radiologists played included:
  - interpreting studies during rounds
  - coordinating timely consults on complex cases
  - interpreting "outside" studies, thus avoiding duplicative imaging



Lower overall LOS and LOS Index compared to same period last fiscal year	LOS		LOS Index	
	FY16 (Oct – May)	5.9	FY16 (Oct – May)	1.05
	FY17 (Oct – May)	5.7	FY17 (Oct – May)	1.01

## COMPLEX PATIENT MANAGEMENT – Post-Study period



## CONCLUSION

- Radiologist participation in Patient Progression Rounds is a novel way to contribute to reducing the length of stay
- Radiologist on rounds improve visibility and demonstrate new ways in which imaging specialists can contribute to providing care
- Radiologists can establishing relationships with clinical providers through active participation