<table>
<thead>
<tr>
<th>Policy Name</th>
<th>Intensity-Modulated Radiation Therapy (IMRT) Planning</th>
</tr>
</thead>
</table>

**Summary**

This policy addresses reimbursement for therapeutic radiology simulation services when performed on the same tumor on the same day or within 90 days prior to an intensity-modulated radiotherapy (IMRT) plan.

**Policy Statement**

The Centers for Medicare and Medicaid Services (CMS) National Correct Coding Initiative (NCCI) Policy Manual states that the IMRT plan, CPT 77301, is to include the work of all simulation services, CPT 77280-77290, performed in the development of the IMRT plan on the same or different dates of service prior to the plan if the simulation is for IMRT. This coding guideline is also consistent with the American Medical Association (AMA) and American Society for Radiation Oncology (ASTRO); an IMRT plan (CPT code 77301) includes therapeutic radiology simulation-aided field settings, CPT 77280-77290.

Medica considers reimbursement of the simulation service(s) to be included in the reimbursement for the IMRT plan whether the simulation is reported on the same or different date of service.

Simulation services provided after the IMRT plan may be reported separately for reimbursement for the work of performing a verification simulation of the treatment field after the planning process is complete.

This policy applies to all physicians and other health care professionals belonging to the same group/TIN.

**Definitions**

**Intensity-Modulated Radiation Therapy (IMRT)** – Intensity modulated radiotherapy plan, including dose-volume histograms for target and critical structure partial tolerance specifications

**Same Provider or other Health Care Professional** – All physicians or health care professionals of the same group reporting the same federal tax identification number (TIN).

**Code List**

IMRT Code List

**Resources**

- American Medical Association (AMA)
- American Society for Radiation Oncology (ASTRO)
- Centers for Medicare and Medicaid Services (CMS)