Game Changing Technology in Prostate Cancer Radiotherapy

**Proven Safety***
- Millions of PEG hydrogel implants
- Persists 3 months, absorbs in 6 months
- Shown safe in rigorous clinical trial
  - Implant well tolerated
  - No SpaceOAR® hydrogel-related adverse events

**Proven Efficacy***
- 99% technical procedural success
- 1.3cm post-implant space
- 73% reduction in rectal V70
- 0% Grade 2+ late rectal toxicity through 3 years
- SpaceOAR patients near baseline bowel QOL from 6 months onward


A little space makes a BIG difference."
Experience next generation rectal protection

3D-CRT, IMRT and IG-IMRT were milestones in prostate cancer rectal protection. SpaceOAR represents the next generation technology, improving the safety of prostate cancer RT.

Expect more from your dose plans

With more perirectal space it’s not planning as usual. Because extra space requires new rectal dose constraints during planning, it’s time to push your plans harder.

Evolution of Rectal Tissue Constraint Objectives

<table>
<thead>
<tr>
<th>Dose Volume (%)</th>
<th>V50</th>
<th>V60</th>
<th>V65</th>
<th>V70</th>
<th>V75</th>
<th>V80</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTOG 9406 3DCRT</td>
<td>&lt; 50%</td>
<td>&lt; 35%</td>
<td>&lt; 25%</td>
<td>&lt; 20%</td>
<td>&lt; 15%</td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>QUANTEC IMRT</td>
<td>&lt; 50%</td>
<td>&lt; 35%</td>
<td>&lt; 25%</td>
<td>&lt; 20%</td>
<td>&lt; 15%</td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>SpaceOAR IMRT</td>
<td>&lt; 5%</td>
<td>&lt; 4%</td>
<td>&lt; 3%</td>
<td>&lt; 2%</td>
<td>&lt; 1%</td>
<td></td>
</tr>
</tbody>
</table>

* Proposed rectal dose constraints for spacers by Rajekci et al, Dose plan optimization when using hydrogel prostate-rectum spacer: a single institution experience. Submitted for publication.

Product Code # | Product Description
-----------------|-----------------------
SO-2101          | SpaceOAR® System

Intended Use: SpaceOAR System is intended to temporarily position the anterior rectal wall away from the prostate during radiotherapy for prostate cancer and in creating this space it is the intent of SpaceOAR System to reduce the radiation dose delivered to the anterior rectum. Please read the Instructions for Use for a complete list of Risks, Warnings and Precautions.