

# One Mission One Campus

Scalable, Reliable, Domestic Production Processes



## Manufacturing Process

**Radium-226 (Ra-226) Target**  
Ra-226 Source Material

### Ra-226 Reprocessing Recover and Reuse

Reclamation, an integral part of NorthStar's process, helps maintain costs and reduces the reliance on external suppliers for such a scarce isotope

### Electron Accelerator Irradiation

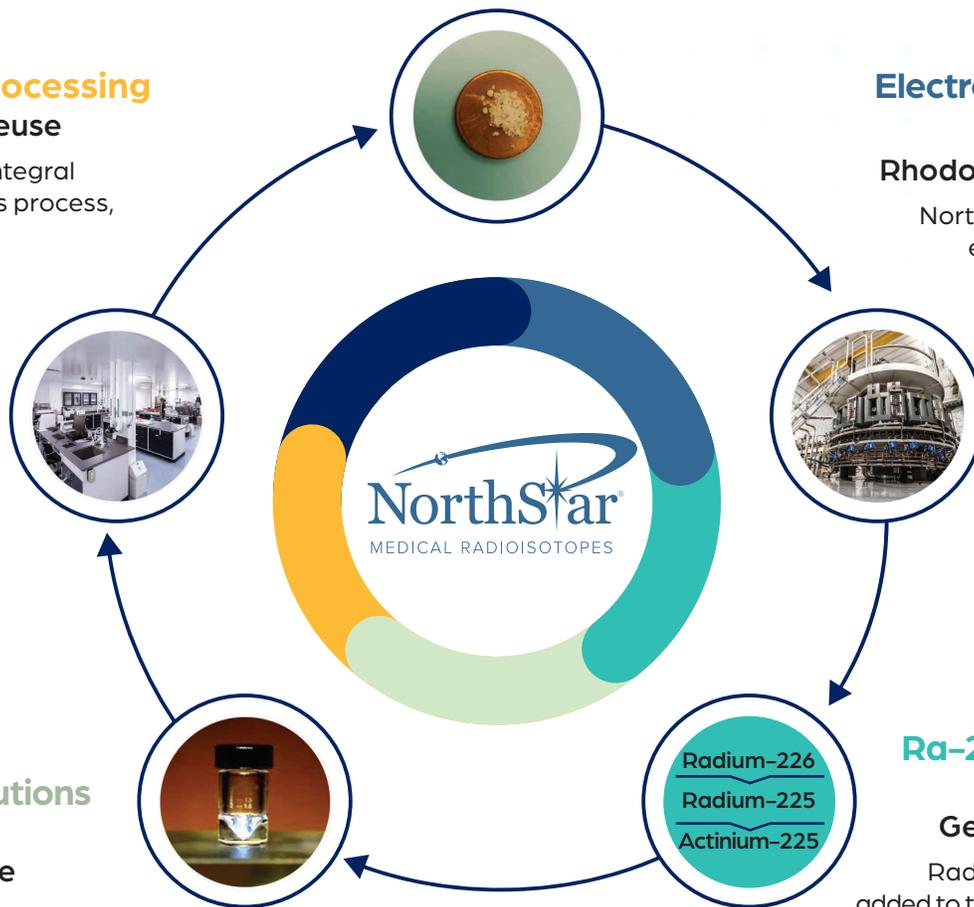
**Rhodotron® TT300-HE**  
NorthStar's high-energy electron accelerator (up to 125 kW)

### Ac-225 Generator Elutions n.c.a. Ac-225 10-Day Half-life

NorthStar's electron accelerator process + generator elutions effectively eliminate Actinium-227 (Ac-227)

### Ra-225 Processing Dissolution and Generator Process

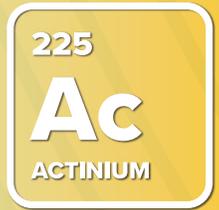
Radium-225 (Ra-225) is added to the generator column, where non-carrier-added (n.c.a.) Actinium-225 (Ac-225) grows, in multiple generators and will be used simultaneously



Providing Patients Global Access to Game-Changing Radiopharmaceuticals  
[www.northstarm.com](http://www.northstarm.com)

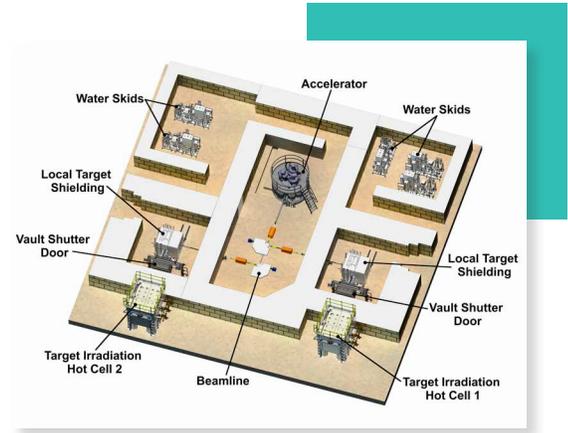
# One Mission One Campus

Scalable, Reliable, Domestic Production Processes



## Manufacturing Cornerstones

- n.c.a. Ac-225**  
NorthStar's indirect process eliminates Ac-227
- Dedicated Infrastructure**  
Commercial scale production capabilities
- Reliable and Scalable**  
Electron accelerator + Ra-225/Ac-225 generator elutions
- Regulatory and Quality Expertise**  
Experienced Regulatory and Quality Professionals
- Flexible Ordering and Logistics**  
Availability planned to meet commercial needs



Dedicated 30,000 sq ft Ac-225 Production facility



[RPTinfo@northstarmm.com](mailto:RPTinfo@northstarmm.com)  
For more updates, follow us on [LinkedIn](#)

