



Seeing is Believing! Putting the "SPARK" in You!



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Clinical Issue

- In early 2018, Children's Hospital Los Angeles (CHLA) was granted surgical privileges to be a designated Vision Center for treating childhood blindness via gene therapy.
- This new procedure has the potential to improve multiple patient lives by restoring vision in patients with biallelic RPE65 mutation-associated retinal dystrophy.
- Administration of Luxturna (Sparks Therapeutics - gene therapy) under a time sensitive strict protocol.
- First site to perform this FDA approved gene therapy.

Implementation and Planning



Nursing Considerations

Pre-operative Phase

- Patient and Family Education
- Individualized Communication
- Coordination with Pharmacy
- Baseline Assessment

Intra-operative Phase

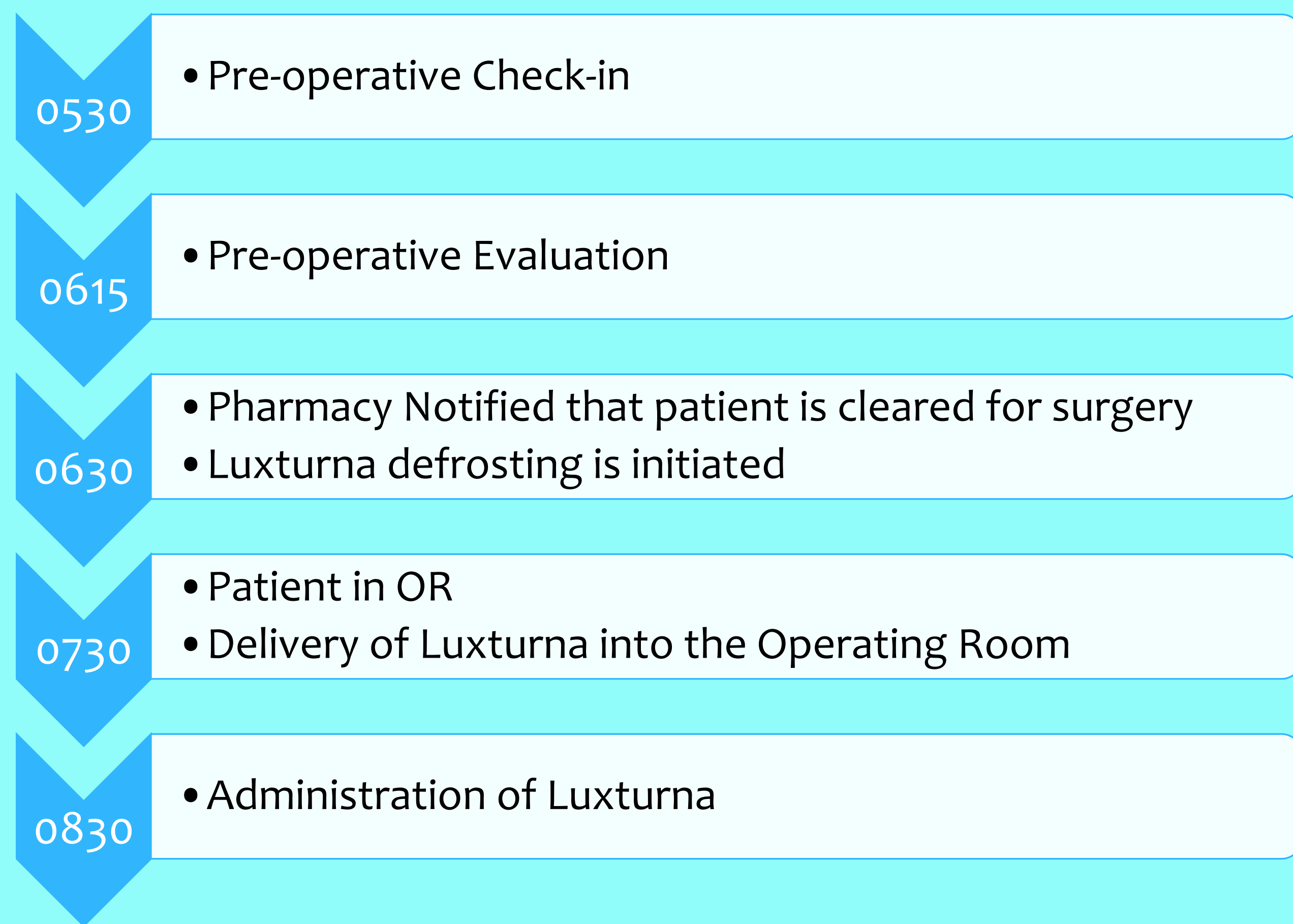
- Appropriate Supplies and Equipment
- Confirmation of Defrosted Drug
- Individualized Communication
- Time Management of Drug Administration

Post-operative Phase

- Individualized Communication
- Appropriate Post-op Positioning
- Home Care Instructions

*PALS and ACLS personnel available at all phases

Time is of the Essence

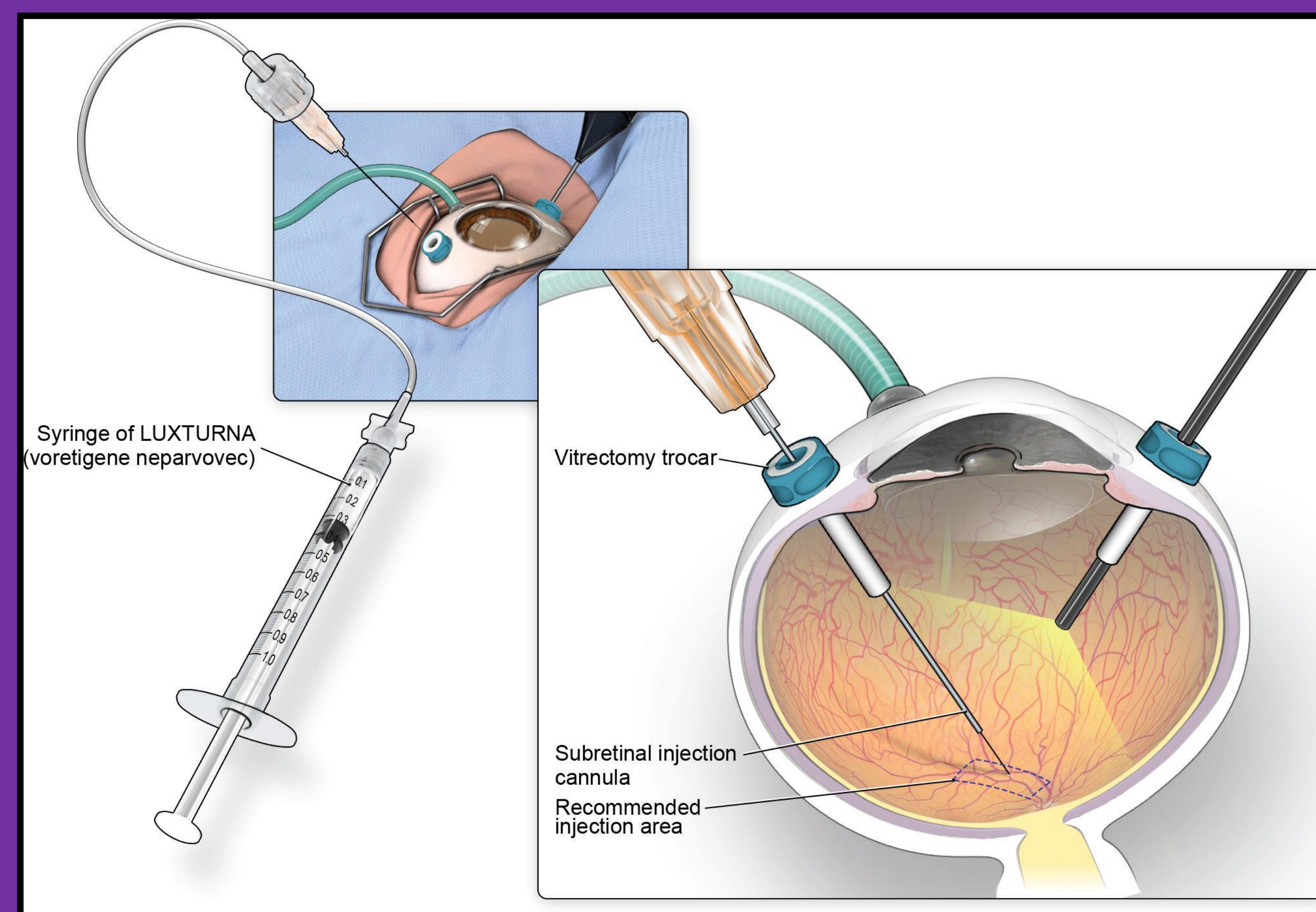


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Description of the Team

The Vision Center – Ophthalmology Surgery Department
 Pharmacy Department
 Ophthalmology Coordinator
 Pre-operative Services
 Intra-operative Services
 Post-operative Services
 Sterile Processing Department
 Marketing & Communications Team



References

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