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Selective laser trabeculoplasty in glaucoma: from clinical practice to the perspective of implementation in the unified health system

Trabeculoplastia seletiva a laser (SLT) no glaucoma: da prática clínica à perspectiva de implementação no SUS

Leopoldo Ernesto Oiticica Barbosa, Wilma Lelis Barboza, Fernanda Belga Ottoni Porto

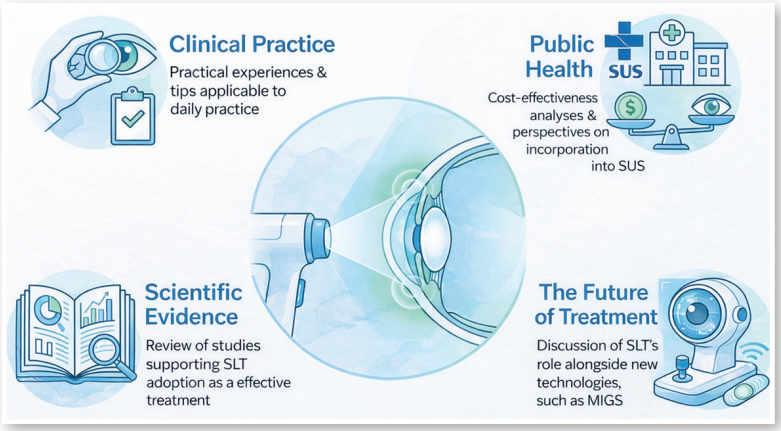
The treatment of glaucoma is undergoing a transformation. Selective laser trabeculoplasty (SLT) has been established as an effective and safe alternative treatment, backed by high-impact international studies and increasingly applied in clinical practice[1].

In Brazil, the challenge goes beyond efficacy: it is necessary to reconcile quality research on the treatment as well as its clinical applicability and viability within the Unified Health System (SUS). Considering its characteristics, SLT can expand access to public glaucoma programs by facilitating adherence and generating savings[2,3].

This special edition aims to provide a comprehensive overview of the subject, by bringing together

- **Clinical practice**, with real-world experiences and applicable tips;
- **Scientific evidence**, with reviews of studies that support treatment use;
- **Public health**, with cost-effectiveness analyses and prospects for implementation;
- **Future directions**, with discussions on the role of SLT alongside new technologies such as MIGS.

With the contribution of colleagues from various regions, we hope to build a practical and critical reference for ophthalmologists from all over Brazil and encourage reflection on and advancements in the care of patients with glaucoma (Infographic).



Infographic: SLT beyond the laser: science, clinical practice, public health, and the future of glaucoma treatment. Note: Artificial intelligence Notebooklm was used to create the infographic.

Corresponding author: Leopoldo Ernesto O. Barbosa. E-mail: leooiticica@hotmail.com
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Leopoldo Ernesto Oiticica Barbosa
Guest editor

Wilma Lelis Barboza
President of the Brazilian Council of Ophthalmology 2024-2025

Fernanda Belga Ottoni Porto
Editor-in-Chief, eOftalmo

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AUTHOR'S INFORMATION

» **Leopoldo Ernesto Oiticica Barbosa**
http://lattes.cnpq.br/3386099226524481
https://orcid.org/0000-0002-6112-8409

» **Wilma Lelis Barboza**
http://lattes.cnpq.br/7647287686911668
https://orcid.org/0009-0002-4756-9723

» **Fernanda Belga Ottoni Porto**
http://lattes.cnpq.br/3705547122177092
https://orcid.org/0000-0002-4308-1766