

**CURRICULUM CHECK LIST**  
**Glaucoma Service – Department of Ophthalmology**  
**University of Iowa Carver College of Medicine**

**Basic Sciences**

1	Aqueous Humor Dynamics, Anterior Chamber Anatomy and Ciliary Body	<input type="checkbox"/>
2	Optic Nerve and Nerve Fiber Layer Anatomy	<input type="checkbox"/>

**Examination**

3	Intraocular Pressure and Tonometry	<input type="checkbox"/>
4	Gonioscopy and Imaging the angle (UBM, AS-OCT)	<input type="checkbox"/>
5	Perimetry Principles <i>(kinetic, static threshold, SWAP, FDT)</i>	<input type="checkbox"/>
6	Automated Perimetry – Interpreting a Field (meaning of all of the numbers on the printout)	<input type="checkbox"/>
7	Visual Field Changes in Glaucoma	<input type="checkbox"/>
8	Perimetry Quiz	<input type="checkbox"/>
9	Optic Nerve Head and RNFL Changes in Glaucoma	<input type="checkbox"/>

**Classification**

10	Classification of the Glaucomas	<input type="checkbox"/>
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**Developmental Glaucomas**

11	Primary Congenital Glaucoma	<input type="checkbox"/>
12	Axenfeld-Rieger Syndrome & Peters Anomaly	<input type="checkbox"/>
13	Aniridia, Phacomatoses, & Other Pediatric Glaucomas	<input type="checkbox"/>

**Primary Open Angle Glaucomas**

14	Primary Open Angle Glaucoma & Juvenile Open Angle Glaucoma Early Manifest Glaucoma Trial (EMGT)	<input type="checkbox"/>
15	Ocular Hypertension & Glaucoma Suspects Ocular Hypertension Treatment Study (OHTS)	<input type="checkbox"/>

16	Normal Tension Glaucoma Collaborative Normal Tension Glaucoma Study (CNTG) Low Pressure Glaucoma Treatment Study (LoGTS)	<input type="checkbox"/>
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### Primary Angle Closure Glaucomas

17	Primary Angle Closure (primary pupillary block, mixed mechanism, nanophthalmos)	<input type="checkbox"/>
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18	Plateau Iris Syndrome	<input type="checkbox"/>
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19	Malignant Glaucoma	<input type="checkbox"/>
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### Secondary Glaucomas

20	Exfoliation syndrome	<input type="checkbox"/>
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21	Pigment Dispersion Syndrome & Pigmentary Glaucoma	<input type="checkbox"/>
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22	Steroid-Induced Glaucoma	<input type="checkbox"/>
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23	Glaucoma Secondary to Inflammation	<input type="checkbox"/>
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24	Glaucomatocyclitic Crisis	<input type="checkbox"/>
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25	Fuchs Heterochromic Iridocyclitis	<input type="checkbox"/>
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26	Trauma-Associated Glaucomas (angle recession, hyphema, ghost cell, siderosis, burns)	<input type="checkbox"/>
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27	Lens-Associated Glaucomas (phacolytic, phacomorphic, lens particle, phacoantigenic, ectopia lentis, spherophakia,)	<input type="checkbox"/>
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28	Post-Surgical Glaucomas (aphakic/pseudophakic, UGH Syndrome, epithelial & fibrous downgrowth, post corneal surgery, post retinal surgery)	<input type="checkbox"/>
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29	Elevated Episcleral Venous Pressure	<input type="checkbox"/>
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30	Glaucoma Due to Tumors and Cysts	<input type="checkbox"/>
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31	Neovascular Glaucoma	<input type="checkbox"/>
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32	Iridocorneal Endothelial Syndromes	<input type="checkbox"/>
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33	Miscellaneous (iridoschisis, PPMD, CB swelling, Anti-VEGF injections, Fuchs endothelial dystrophy, Schwartz-Matsuo syndrome)	<input type="checkbox"/>
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## Principles of Glaucoma Management

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|----|---|--------------------------|
| 34 | General Principles of Glaucoma Management   | <input type="checkbox"/> |
| 35 | Glaucoma Management Studies<br>Collaborative Initial Glaucoma Treatment Study (CIGTS)<br>Advanced Glaucoma Intervention Study (AGIS)<br>European Glaucoma Prevention Study (EGPS) | <input type="checkbox"/> |

## Medical Management

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|----|------------------------------------|--------------------------|
| 36 | Prostaglandin Analogs              | <input type="checkbox"/> |
| 37 | Beta Adrenergic Antagonists        | <input type="checkbox"/> |
| 38 | Adrenergic Agonists                | <input type="checkbox"/> |
| 39 | Carbonic Anhydrase Inhibitors      | <input type="checkbox"/> |
| 40 | Trabecular Meshwork Outflow Agents | <input type="checkbox"/> |
| 41 | Hyperosmotic Agents                | <input type="checkbox"/> |

## Surgical Management (and complications)

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|----|--|--------------------------|
| 42 | Laser Trabeculoplasty<br>Glaucoma Laser Trial (GLT)  | <input type="checkbox"/> |
| 43 | Iridotomy & Iridoplasty  | <input type="checkbox"/> |
| 44 | Trabeculectomy<br>Fluorouracil Filtering Surgery Study   | <input type="checkbox"/> |
| 45 | Glaucoma Drainage Devices<br>Tube vs. Trabeculectomy Study (TVT)<br>Ahmed Baerveldt Comparison Study (ABC)       | <input type="checkbox"/> |
| 46 | Surgery for Glaucomas of Infancy<br>(goniotomy & trabeculotomy)  | <input type="checkbox"/> |
| 47 | Cataract Surgery in the Glaucoma Patient   | <input type="checkbox"/> |
| 48 | Minimally Invasive and Other Glaucoma Surgeries<br>(goniosynechialysis, canaloplasty, Trabectome , iStent, GATT) | <input type="checkbox"/> |
| 49 | Cyclodestructive Procedures  | <input type="checkbox"/> |

## Hypotony

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| 50 | Hypotony | <input type="checkbox"/> |
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