



## Course Summary

### Open Angle Glaucoma and Advanced Technologies

COPE # 35727-GL

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#### Course Outline

1. Background of Primary open angle glaucoma
2. Definitions and its limitations
3. Advances in intraocular pressure measurements
  - a. Pascal dynamic contour tonometer and Ocular response analyzer
  - b. New tonometers like Diaton transpalpebral tonometer and Icare rebound tonometry
  - c. Intraocular pressure telemetry
4. Advances in imaging technology
  - a. GDx-Pro polarimetry
  - b. Fourier domain OCT
5. Advances in visual fields
  - a. Heidelberg edge perimeter
  - b. Frequency doubling technology and short wavelength perimetry and its use in early glaucoma
  - c. Progression analysis
  - d. Structure function concordance
6. Two cases of primary open angle glaucoma with moderate level of complexity in management.