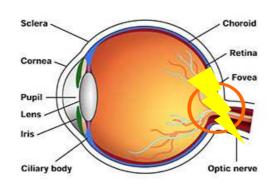




- 視神經漸進性萎縮死亡的疾病
- 大部份是眼壓過高引起
- 少部分眼壓正常也會引起

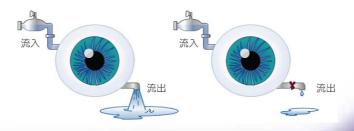


眼壓

- 維持眼球型狀的必需壓力
 - ≥ 21 mmHg
- 眼壓高
 - ▶眼球內房水代謝不平衡

正常情況

青光眼患者



青光眼的可怕

- 造成失明排行榜的第二名
- 疾病初期症狀輕微不明顯
- ·大多數人發現視覺不佳,神經 已受損超過40%
- 喪失的視力,即使治療仍無法復原
- •台灣仍有高達25萬潛藏病人

為什麼叫青光眼?



末期青光眼



青光眼種類

- 發生原因
 - 原發型
 - 次發型
- 發生年紀
 - 先天型
 - 幼年型
 - 青少年型
 - 成人型

- 房角型態
 - 開放型
 - 閉鎖型
- 眼壓高低
 - 高眼壓
 - 正常眼壓

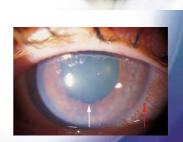
青光眼危險因子

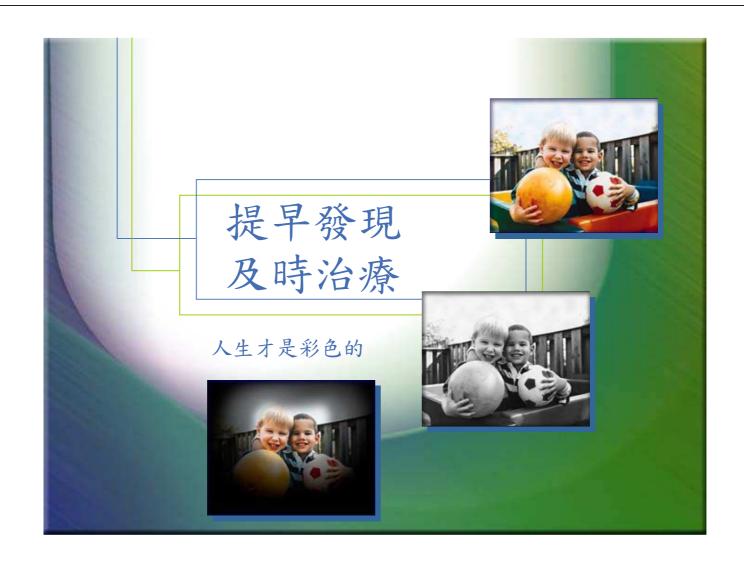
- 眼壓較高
- 年齡超過40歲
- 家族史
- 患有深度近視
- 需定期或長期使用類固醇
- 患有糖尿病或高血壓
- 眼睛曾受過傷害
- 亞洲人較易有慢性隅角閉鎖性青光眼, 非洲裔則以隅角開放性青光眼較多

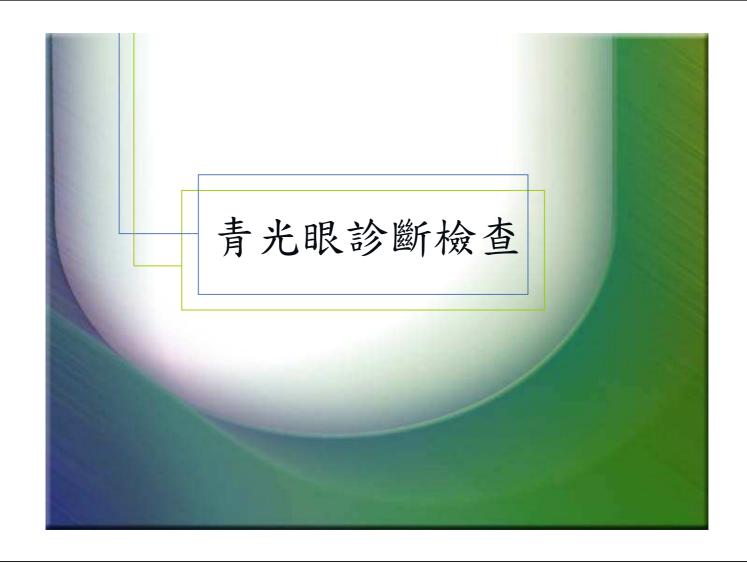
青光眼症狀

- 青光眼初期,通常沒有顯著的症狀
- 在光源周圍看見光暈
- 隧道型視覺(視野變窄)
- 眼壓高
 - 紅眼
 - 眼睛看起來混濁
 - 噁心或嘔吐
 - 眼睛疼痛











裂隙燈檢查

- 檢查眼球各種結構
- 判斷青光眼原因
- 排除其他疾病

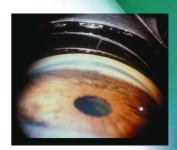






隅角鏡檢查

- 判定隅角結構
 - 閉鎖型
 - 開放型
- 排除或診斷青光眼原因
 - 色素性青光眼







眼底檢查

- 判定視神經頭受傷程度
 - 青光眼愈嚴重,視神經凹陷愈大







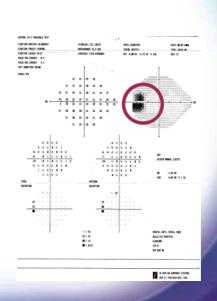


視野檢查

- 評估眼球功能上受損程度
 - 愈黑表示愈差



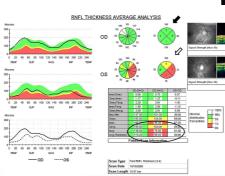




視神經眼底斷層檢查

- 判定視神經纖 維層厚度
 - 愈薄表示愈差







青光眼治療

- 藥物治療
- 雷射治療
- 手術治療







藥物治療



- 高張溶液,如甘露醇(Mannitol)
- 口服藥劑
 - 碳酸水解脢抑制劑,如丹木斯(Diamox)
- 局部眼用藥劑
 - 前列素類藥物,如舒而坦(Xalatan)
 - 擬交感藥物協同劑或抑制劑,如艾弗目 (Alphagan-P)
 - 碳酸水解脢抑制劑,如愛舒壓(Azopt)
 - 複方藥物製劑,如Duotrav



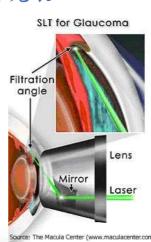




雷射治療

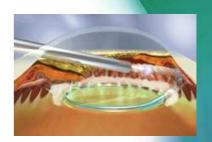
- · 雷射虹膜切開 (iridotomy)
 - 用於隅角閉鎖性青光眼
- · 雷射虹膜重塑術 (iridoplasty)





手術治療

- 小樑網切除手術
- 濾過管植入手術
- 內視鏡雷射燒灼術







青光眼手術

• 國內青光眼手術首 屈一指的醫院

- 三軍總醫院



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Intermediate outcomes of Ahmed glaucoma valve surgery in Asian patients with intractable glaucoma

Abstrac

Objective To evaluate the efficacy and safety of Ahmed glaucoma valve (AGV) implantation in Asian patients with refractory glaucoma. Methods The study was a retrospective interventional case series conducted at a single institution between January 2004 and January 2006. The study population included 91

Reaths. A hold of 70 patients were successful retard (2453). Potentially stream of the first patient of the first patient prosessor declined significantly and patient patient

cysovofs: Ahmed glaucoma valve sur efractory glaucoma; AGV implantatio laucoma drainage devices; glaucoma

Introduction

Implantation of glaucoma drainage devices (GDDs) has assumed an important role in the surgical treatment of complicated and refractory

glassems. These devices can be used as the primary surpeal meeting as well as a secondar procedure for those patients treated with earlier surgers; such as tabeculection with or withce satimenshelite therapy. "CDDs, including the surgers and as tabeculection with or withce authority and the surgers of the surgers of the approach straining through as this junctived into the authority or posterior chamber connected in the authority or sportfur chamber connected in the devices may be valided qu'univided and audit authority or surgers and the surgers of the devices may be valided qu'univided and audit authority of the surgers of the surgers of the authority of the surgers of the surgers of posterior proposed and the surgers of a surger of the surgers of a surger of the surgers of postportium of primiting a cone-way outlet designed to general surgers of a surger of the surgers of postportium of surgers of a surger of the surgers of postportium of surgers of a surgers of the surgers of a surgers of the surgers of the surgers of surger

Thus far, no discrepancies have been observed in outcomes for GDD implants in Asian versus non-Asian eyes, although Asians have been observed to have more severe tissue roactions. The purpose of this study was to vealuate the clinical experience of sing AGV in Asian patients with intractable glaucoma. Differences in pre- and postoperative intraocular pressure, risks for failure, and surgical complications up to 2 years after

Materials and methods

We reviewed the medical records of patients reated with AGV implantation for intractable Department of Ophthalmology, National Defense Medical Center, Tri-Senice General Hospita No. 325, Sec 2, Chang Gong Road, Nei-Hu, Taipei 114, Taiwan, Republic of China

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Despatch Date: 6/7/2009 Op: a XX Graphic: XX LINICAL STUDY

自我檢測表

- 年龄在40歲以上
- 有青光眼家族病史者
- 夜間視力變差、夜間看燈光會出現虹暈 現象
- 沒有明顯原因,但視力短期內越變越糟
- 有偏頭痛、手腳冰冷且血壓偏低者
- 本身是新陳代謝症候群的人(高血壓、 糖尿病、高血脂)
- 高度近視患者(近視度數600度以上)
- 遠視眼患者合併白內障
- 經常使用類固醇或精神科用藥的病患
- 有眼球外傷、虹彩炎、葡萄膜炎、 腫瘤或眼球內出血病史者

