LATE POSTOPERATIVE CAPSULAR BLOCK, PECULIAR FORMS

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CAPSULAR BLOCK

Small CCC

Contents of capsule pushed forward:
  Nucleus & epinucleus
  IOL
CAPSULAR BLOCK SYNDROME (CBS)

“Capsulorhexis-related”
Intraoperative
Early postoperative
Late postoperative
(Miyake et al, 1998)

LATE POSTOP CAPSULAR BLOCK

1. Small CCC
2. Complete optic overlap
3. Distended retro-IOL space
4. Myopic shift
LATE POSTOP CAPSULAR BLOCK, TYPICAL FORM
“DISTENDED RETRO-IOL SPACE”

DISTENDED RETRO IOL SPACE
Three years after uneventful phaco, acrysof 3-piece, ITB.

Marked loss of vision

Normal AS, milky fluid behind IOL, posterior capsule not seen, fundus details not seen.

Ultrasound normal
DIAGNOSIS

Capsule distended with a milky fluid:

“Capsular block with liquefied after-cataract”
“MILKY FLUID” BEHIND THE OPTIC

“Liquefied after-cataract”
(“Lacteocrumenasia”)
Accumulation of collagen & extracellular matrix produced by metaplastic residual LECs (Eifrig, 1997; Miyake et al, 1998).

LATE CBS WITH LIQUEFIED AFTER-CATARACT

Differential diagnosis: infection

Propionibacterium acnes
Fusarium

Rare
MANAGEMENT

Nd:YAG anterior capsulotomy
Aspiration
Nd:YAG posterior capsulotomy

CAPSULAR IRRIGATION

Dissection between ant caps & optic
CAPSULAR IRRIGATION

Dissection between ant caps & optic
CAPSULAR IRRIGATION

Aspiration of milky fluid
CAPSULAR IRRIGATION

Aspiration of milky fluid
VANCOMYCIN

- 1 mg in 0.1 ml
LATE POSTOP CAPSULAR BLOCK

Small CCC
Complete optic overlap
Distended retro-IOL space (+/- milky fluid)
Myopic shift
LATE CBS WITH LIQUEFIED AFTER-CATARACT

Not infection

CAPSULAR BLOCK SYNDROME (CBS)

Capsulorhexis-related

Intraoperative
Early postoperative
Late postoperative
(Miyake et al, 1998)
“The eye sees what the brain knows”

“Late postop CBS”

DISTENDED RETRO-IOL SPACE
DISTENDED RETRO IOL SPACE

DISTENDED RETRO IOL SPACE
Late Postop Capsular Block

LATE CAPS BLOCK, “PECULIAR FORMS”
TOO HARD FOR YAG?
NO, IT’S ONLY FLUID

“LOCULATED FLUID”
MERCI!