

# EARLY VITRECTOMY FOR VITREOUS HEMORRHAGE IN AVASTIN ERA

*by* Gilbert Ws Simanjuntak

---

**Submission date:** 24-Feb-2023 11:25AM (UTC+0700)

**Submission ID:** 2021798316

**File name:** EARLY\_VITRECTOMY\_FOR\_VITREOUS\_HEMORRHAGE\_IN\_AVASTIN\_ERA.doc (103.5K)

**Word count:** 210

**Character count:** 1059

## EARLY VITRECTOMY FOR VITREOUS HEMORRHAGE IN AVASTIN ERA

Gilbert WS Simanjuntak, Jannes F Tan, HHB Mailangkay, Helario Hasibuan,  
Jusuf Wijaya

Christian University of Indonesia  
Cikini Eye Institute/Cikini CCI Hospital  
Jakarta, Indonesia

Financial interest : None

**Purpose:** Vitreous hemorrhage has many etiology. We report the surgical management and its outcome in avastin era **Method:** Retrospective study of vitreus hemorrhage and surgical treatment. B-scan revealed the retina attached without confirm etiology **Results:** There were 8 patients (8 eyes) with age 18-79 years, 5 were male and 3 were female. The duration of hemorrhage varies between 3 -5 days. All cases were managed with vitrectomy, endolaser and avastin injection when needed. Two cases of Terson syndrome were found, three of blood vessels occlusion and three of active macular degeneration. ARMD and CRVO cases have avastin injection and laser as needed. Short term evaluation gave better result **Conclusion:** Early case findings and management gave better result.

	Age	Preop VA	Postop VA	Diagnosis	Follow-up (weeks)
1	64	LP	0.15	ARMD	12
2	18	HM	1.0	Terson's syndrome	20
3	18	HM	1.0	Terson's syndrome	13
4	68	LP	0.25	ARMD	22
5	53	HM	0.20	CRVO	15
6	79	HM	0.1	CRVO	16
7	74	HM	0.20	ARMD	31
8	69	HM	0.1	CRVO	12



# EARLY VITRECTOMY FOR VITREOUS HEMORRHAGE IN AVASTIN ERA

---

## ORIGINALITY REPORT

---

11%

SIMILARITY INDEX

11%

INTERNET SOURCES

5%

PUBLICATIONS

0%

STUDENT PAPERS

---

## MATCH ALL SOURCES (ONLY SELECTED SOURCE PRINTED)

---

5%

★ Gilbert WS Simanjuntak, Ari Djatikusumo, Asri Adisasmita, Mardiaty Nadjib, H H B Mailangkay, Nazimul Hussain. "Cost analysis of vitrectomy under local versus general anesthesia in a developing country", Clinical Ophthalmology, 2018

Publication

---

Exclude quotes On

Exclude matches Off

Exclude bibliography On