

## ABSTRAK

### TERAPI KATARAK SENILIS DI ERA COVID-19

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Katarak adalah kekeruhan pada lensa mata yang memengaruhi proses penglihatan. Katarak senilis merupakan penyakit mata multifaktorial yang ditemukan pada usia lanjut. Katarak merupakan penyebab kebutaan yang utama di dunia. Menurut WHO tahun 2013, terdapat 39 juta orang mengalami kebutaan, 246 juta memiliki penglihatan rendah. Kebutuhan karena katarak di Indonesia mencapai angka 0,78% dari populasi penduduk dan prevalensi katarak adalah 1,8%. Penatalaksanaan definitif untuk katarak senilis adalah terapi bedah yang terbagi dalam beberapa metode yaitu EKIK, EKEK, Fakoemulsifikasi, *Femtosecond Laser-Assisted Cataract Surgery* (FLACS), *miLOOP-Assisted Small Incision Cataract Surgery* (SICS), dan *miLOOP-Assisted Phacoemulsification Surgery* (PCS). Terapi bedah pada pasien katarak memiliki tingkat keberhasilan yang cukup tinggi namun tidak menutup kemungkinan terjadinya komplikasi. Komplikasi operasi katarak berdasarkan alur waktunya dibagi menjadi komplikasi *intraoperative*, *early postoperative* dan *late postoperative*. Tindakan operasi katarak dengan komplikasi paling minimal dengan metode *miLOOP-Assisted PCS*. Selain memahami metode bedah katarak dan komplikasinya, di era pandemi COVID-19, diperlukan juga pemahaman akan pentingnya langkah preventif untuk mencegah transmisi virus COVID-19 selama melakukan operasi katarak.

**Kata kunci:** katarak senilis, terapi bedah, komplikasi, COVID-19

## ABSTRACT

### SENILE CATARACT THERAPY IN THE ERA OF COVID-19

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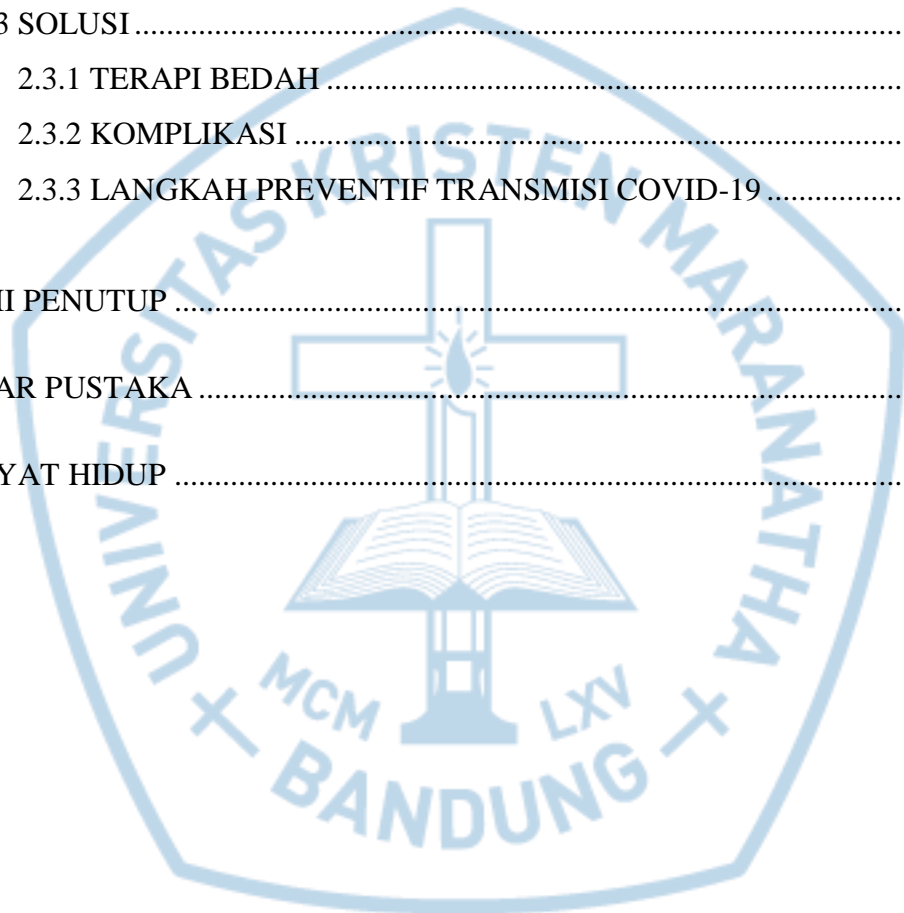
*Cataract is a clouding of the eye lens that affects the visual process. Senile cataract is a multi factorial eye disease found in the elderly. Cataracts are the primer cause of blindness in the world. According to WHO in 2013, there were 39 million people who were blind, 246 million had low vision. Blindness due to cataracts in Indonesia reaches 0,78% of the population and the cataracts prevalence is 1,8%. The definitive management of senile cataract is surgical therapy which is divided into several methods, namely ICCE, ECCE, Phacoemulsification, Femtosecond Laser-Assisted Cataract Surgery (FLACS), miLOOP-Assisted Small Incision Cataract Surgery (SICS), dan miLOOP-Assisted Phacoemulsification Surgery (PCS). Surgical therapy in cataract patients has a fairly high success rate but does not rule out the complications. Cataract surgery complications based on the time line are divided into intraoperative, early postoperative and late postoperative complications. Cataract surgery with the least complications is the miLOOP-Assisted PCS. In addition to understanding cataract surgery methods and their complications, in the era of the COVID-19 pandemic, an understanding of the importance of preventive measures is also needed to prevent the transmission of the COVID-19 virus during cataract surgery.*

**Key words:** *senile cataract, surgical therapy, complications, COVID-19*

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