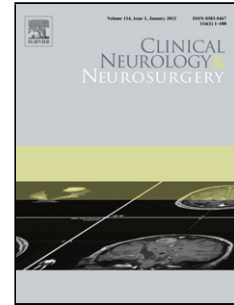


Accepted Manuscript

Title: Long-term Outcome in Extracranial-Intracranial Bypass Surgery for Severe Steno-occlusive Disease of Intracranial Internal Carotid or Middle Cerebral Artery

Authors: Kok Ann Colin Teo, Tseng Tsai Yeo, Vijay K Sharma



PII: S0303-8467(18)30135-5
DOI: <https://doi.org/10.1016/j.clineuro.2018.04.003>
Reference: CLINEU 4986

To appear in: *Clinical Neurology and Neurosurgery*

Received date: 21-2-2018
Revised date: 29-3-2018
Accepted date: 1-4-2018

Please cite this article as: Teo KAC, Yeo TT, Sharma VK, Long-term Outcome in Extracranial-Intracranial Bypass Surgery for Severe Steno-occlusive Disease of Intracranial Internal Carotid or Middle Cerebral Artery, *Clinical Neurology and Neurosurgery* (2018), <https://doi.org/10.1016/j.clineuro.2018.04.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Long-term Outcome in Extracranial-Intracranial Bypass Surgery for Severe Steno-occlusive Disease of Intracranial Internal Carotid or Middle Cerebral Artery

Kok Ann Colin Teo¹, Tseng Tsai Yeo¹, Vijay K Sharma^{2,3}

¹Division of Neurosurgery, Department of Surgery, National University Health System

²Division of Neurology, Department of Medicine, National University Health System

³Yong Loo Lin School of Medicine, National University of Singapore, Singapore

Corresponding Author: Dr. Kok Ann Colin Teo; Address: Department of Surgery, Level 8 1E Lower Kent Ridge Road, Singapore 119228; E-mail: colin_teo@nuhs.edu.sg

¹Division of Neurosurgery, Department of Surgery, National University Health System

²Division of Neurology, Department of Medicine, National University Health System

³Yong Loo Lin School of Medicine, National University of Singapore, Singapore

Grant Support: Dr. Sharma received an individual research grant from the National Medical Research Council Singapore (no. NMRC/038/2008)

Corresponding Author: Dr. Kok Ann Colin Teo; Address: Department of Surgery, Level 8 1E Lower Kent Ridge Road, Singapore 119228; E-mail: colin_teo@nuhs.edu.sg

Highlights

- Cerebrovascular steno-occlusive disease patients may benefit from STA-MCA bypass
- Benefit from stroke risk reduction over 5-years compared to best medical therapy
- Selected patients had exhausted cerebral vasodilatory reserve
- Events include both transient ischemic attacks and ischemic strokes
- The bypass procedure should be performed in high volume centre

Shortened version of title: Long-term outcome for EC-IC Bypass

Abstract

Objectives: We report the long-term outcome and rates of recurrent cerebral ischemic events in our cohort of carefully selected patients after STA-MCA bypass for severe steno-occlusive disease of intracranial ICA or MCA with exhausted cerebral vasodilatory reserve.

Download English Version:

<https://daneshyari.com/en/article/8681812>

Download Persian Version:

<https://daneshyari.com/article/8681812>

[Daneshyari.com](https://daneshyari.com)