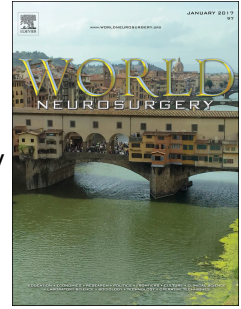


# Accepted Manuscript

Coloring technique of magnetic resonance angiography for superficial temporal artery to middle cerebral artery bypass surgery

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Coloring technique of magnetic resonance angiography for superficial temporal artery to middle cerebral artery bypass surgery

Toshiyuki Okazaki<sup>1,2</sup>, Shinsuke Irie<sup>1</sup>, Toru Inagaki<sup>1</sup>, Osamu Saito<sup>1</sup>, Motoshige Yamashina<sup>1</sup>, Hitoshi Hyase<sup>1</sup>, Hiroshi Nakagawa<sup>1</sup>, Shinji Nagahiro<sup>2</sup>, and Koji Saito<sup>1</sup>,

1) Department of Neurosurgery, Kushiro Kojinkai Memorial Hospital, Kushiro city, Japan

2) Department of Neurosurgery, Tokushima University, Tokushima city, Japan

Address for correspondence  
Toshiyuki Okazaki, MD., PhD.  
Department of Neurosurgery  
Kushiro Kojinkai Memorial Hospital  
191-212, Aikoku  
Kushiro-shi, Hokkaido, Japan 085-0062

Phone: +81-154-61-0155  
Fax: +81-154-39-0330  
e-mail: [okazaki007@gmail.com](mailto:okazaki007@gmail.com)

Keywords: superficial temporal artery, middle cerebral artery, bypass, visualization of recipient artery, MRA

#### Highlights

1. This article reports coloring MRA method.
2. This novel technique was found to be very helpful for the virtual identification of the proper recipient artery.
3. Moreover, this method enables the complete preoperative simulation.

#### Abbreviations list

STA: superficial temporal artery

MCA: middle cerebral artery

MRA: magnetic resonance angiography

MRI: magnetic resonance imaging

CTA: computed tomography angiography

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