Propositions belonging to the thesis:

Improving outcomes by better reperfusion after endovascular treatment for acute ischemic stroke

1. Reperfusion seen on digital subtraction angiography following stroke should not be confused with microvascular distal territory reperfusion.

   (this thesis)

2. Baseline patient characteristics and post-procedural adverse events are the most important predictors of poor functional outcome in patients with ischemic stroke who are successfully reperfused with EVT.

   (this thesis)

3. Unfractionated heparin administration during EVT should be abandoned.

   (this thesis)

4. Local anesthesia is the optimal first line anesthetic approach during EVT.

   (this thesis)

5. Blood pressure management of stroke patients should not be restricted to the EVT procedure alone.

   (this thesis)

6. It is simply unacceptable that the data from published clinical trials are not made available to researchers and used to their fullest potential to improve health.

   (Robert Kiley et al; New England Journal of Medicine 2017; 377:1990-1992)

7. Cangrelor is a promising adjunctive treatment to EVT for managing refractory intracranial vessel occlusion and leads to satisfactory brain reperfusion.

   (adapted from Marnat et al; American Journal of Neuroradiology 2021; online)

8. If there is any doubt about the extent or presence of irreversibly damaged tissue on baseline imaging, EVT should be offered.

   (Goyal et al; Stroke 2020; 51:3147–3155)

9. People are prone to apply causal thinking inappropriately to situations that require statistical reasoning.

   (Khaneman; Thinking fast and slow)

10. Intra-arterial measurements of flow and resistance in cardiology have opened a window to better assessment and understanding of microcirculatory function and treatment of microcirculatory dysfunction. Application of this measurement in neurointerventions is indispensable to improve ischemic stroke treatment further.

    (adapted from van 't Veer et al; Eurointervention 2016; 12:701-707)

11. Life comes at us in waves. We can't predict or control those waves, but we can learn to surf.

    (Dan Millman)

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