



Supplementary figure 1. A preliminary case with combined therapy illustrates the importance of mechanical barrier disruption of the dural membrane.

- (A). No revascularization is seen in the transcalvarial burr hole without opening the dura mater.
- (B). Revascularization is documented in the burr hole with disruption of the dura mater.
- (C). Revascularization is documented in the burr hole with disruption of the dura and arachnoid mater.