

## Consider Intra-arterial (IA) Thrombolysis

### Candidates for IA rt-PA:

- CT Negative for hemorrhage
- Any patient expected to suffer a neurological deficit resulting in life-long morbidity or risk of mortality secondary to large vessel occlusion (ICA, ACA, , MCA, PCA, basilar, vertebrals)
- Patients with absolute intravenous rt-PA contraindications
- Patients who fail conventional IV rt-PA or show no improvement (or decrease) in the NIH stroke score at completion of IV rt-PA infusion and no new hemorrhage on CT

### Time frame for IA TPA candidates:

- Greater than 3 hours but less than 6 hours w/ negative CT and large vessel strokes ( IA TPA and or mechanical thrombolysis)
- Symptom onset 6-12 hours w/ negative CT (Endovascular mechanical thrombolysis alone or with modified intraarterial thrombolytic agents– your physician will decide what procedure is safest for you as IA TPA risks of hemorrhage increase with duration of stroke

### Transfer Packet & Work-up to include:

- CT brain without contrast (hard films or CD of films (CT's, or other diagnostic imaging completed – MRI/A, CTA, etc.
- Current relevant lab work
- NIH score documentation from physical exams done (if possible)
- Clinical history summary for transfer
- Face Sheet
- Cobra transfer form

### **References:**

Intra-arterial Thrombolysis: Ready for Prime Time? Executive Committee of the ASITN.  
*American Society of Neuroradiology* 22:55-58 (1 -2001)

Algorithm courtesy of Stroke Dept. , Massachusetts General Hospital web-site, Boston, Mass.

Concerns or Questions? Call the Michigan Stroke Network at 1-866-522-8676