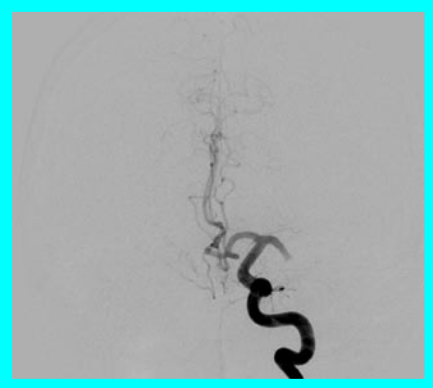
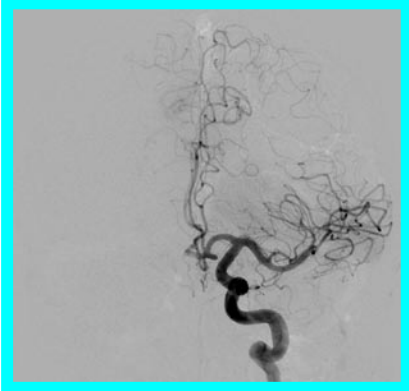


Endovascular Revascularization after Waking with Stroke Symptoms

Courtesy of John Baker MD
UPMC Mercy, Pittsburgh, PA

PATIENT PRESENTATION	CLINICAL FINDINGS	INTERVENTION	OUTCOME
<ul style="list-style-type: none">72 y/o female with history of Coronary Artery Disease, hypertension and thyroid disease.Patient last known well the night prior. At 10:30 am the next morning patient's daughter was unable to reach her mother by phone and upon arrival at her home found her incapacitated and somewhat unresponsive. EMS was called.EMS arrived on scene and assessed the patient noting significant right-sided weakness, forced gaze and aphasia.	<ul style="list-style-type: none">Patient's symptoms continued to worsen. Her NIHSS upon arrival at Mercy Hospital was 28. Intubation was required.CT / CT Angiography were performed revealing no evidence of hemorrhage and probable large vessel occlusion in the distal left Middle Cerebral Artery (MCA).IV tPA was not administered due to the patient being outside the intravenous thrombolytic time window.Patient was brought to the interventional suite at approximately 1:30 pm for possible endovascular revascularization procedure.	<ul style="list-style-type: none">Initial cerebral angiogram confirmed complete occlusion of the distal left MCA.  <ul style="list-style-type: none">Revascularization was attempted utilizing Concentric Medical's Merci Retrieval System®.Successful removal of the clot can be seen in the final cerebral angiogram with restoration of blood flow observed in the MCA and left hemisphere of the brain.	 <ul style="list-style-type: none">Patient experienced clinical improvements following the successful revascularization procedure and restoration of blood flow to the brain. The patient was extubated after the procedure.Patient discharged to rehabilitation with good comprehension but still non-verbal. She was able to resist gravity with encouragement, providing an optimistic outlook on her rehabilitation.