

Cerebral Vascular Accident — Right Side

A 74 year old male suffered a right hemisphere stroke on February 10, 2003. The patient presents on April 30, 2003 for hyperbaric oxygen therapy with residuals.

Patient Residuals

- Left sided parathesis with impaired motor function
- Decreased cognitive function
- Short term memory loss
- Bilateral peripheral blindness
- Left side partial denial

HBOT Protocol

- 40 HBOT
- BID / M-F
- 1.5 ATA
- 60 min. at Tx pressure
- Continued home exercise
- End HBOT May 29, 2003

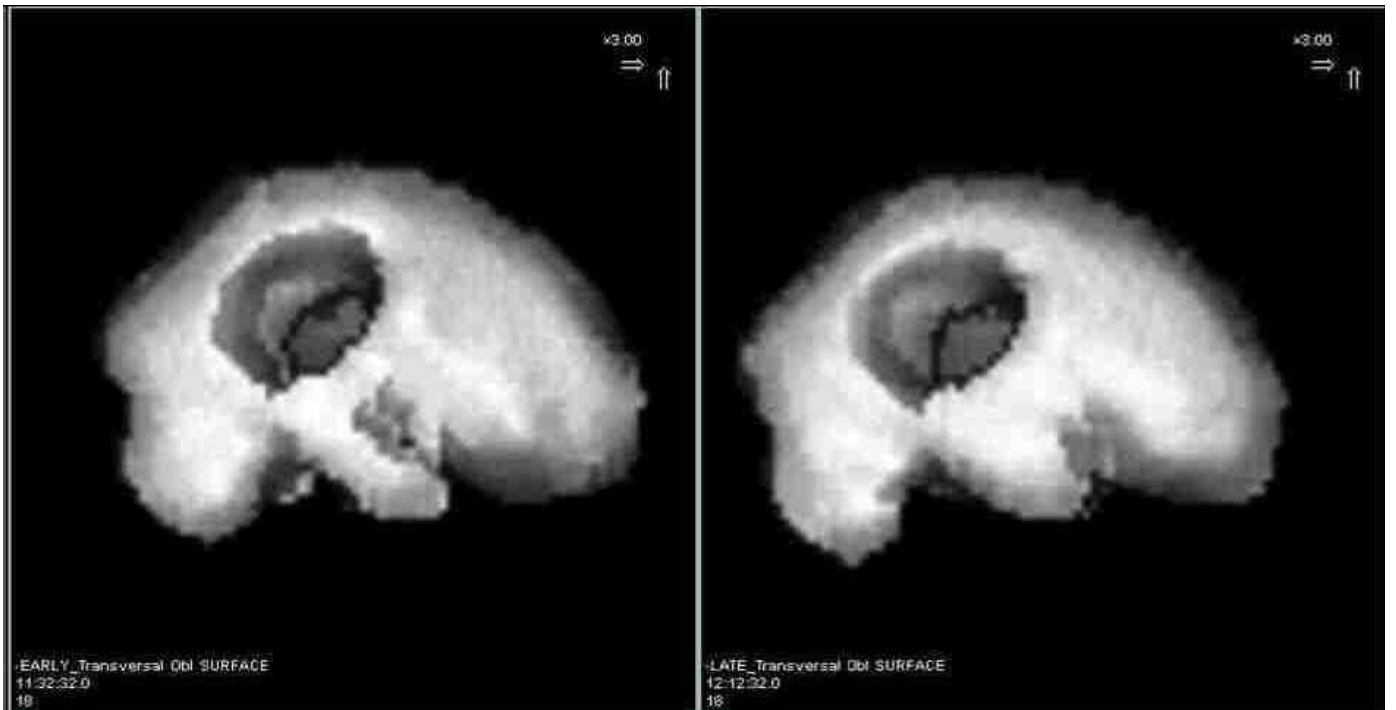
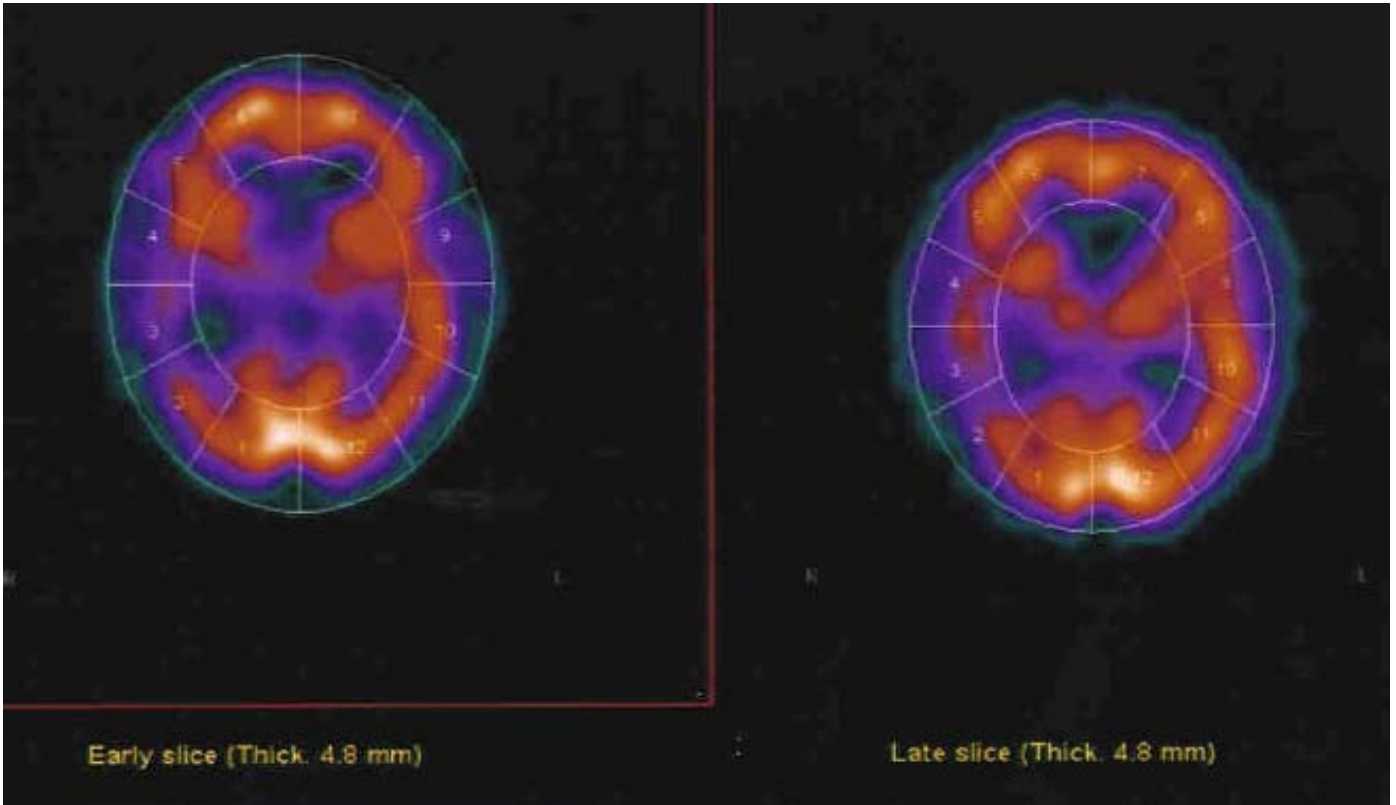
Patient Results

- 100% return of peripheral vision
- Return of short term memory
- Capable of balancing check book
- Normal gait and balance
- Sensory/motor function significantly improved
- At 4 ½ months post stroke, patient was released to drive a car

Additional Results

- Surface rendering of the right hemisphere shows damage at the temporal region which was sustained after falling from a hayloft 28 years prior the patient's stroke. No long-term deficits were noted after recovery from this injury. The post-HBOT image displays remarkable improvement of this 28-year old injury.





SPECT Scan Results		
Image A (<i>BBF = Brain Blood Flow</i>)		
BRAIN SEGMENT	BBF ↑	BBF ↓
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

[Explanation of Brain Blood Flow](#)