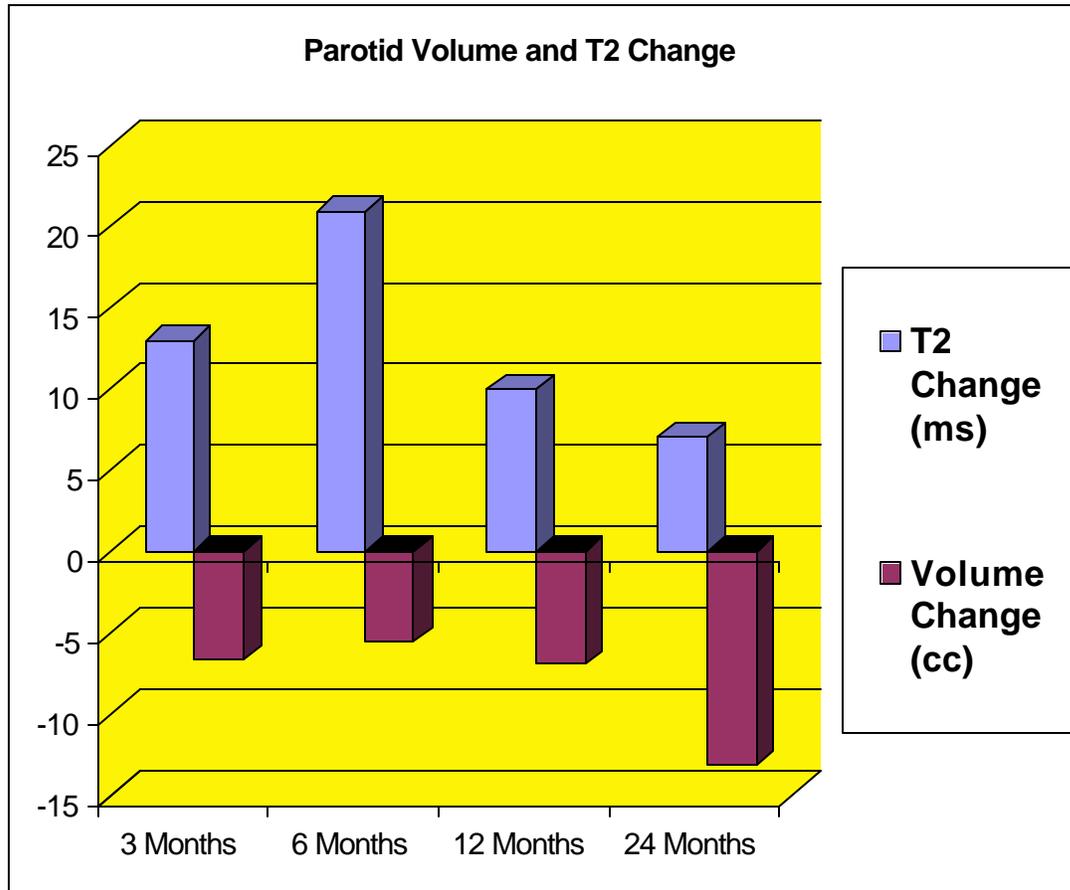


## Characterizing Parotid Changes with RT



Radiation exposure secondary to treating neck tumors acutely results in decreased volume and increased water content in the parotid gland (based on T2 estimates). As the water content decreases later, presumably headed toward a fibrotic stage, the volume of the gland decreases.