

CHEMORESPONSE AND BREATH PHYSIOLOGY IN ANOSMIA

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Anosmia is a model to study the interaction among chemoreception systems. In the head injury the traumatic irreversible anosmia caused by the damage of the olfactory nerve fibers and the brain regions, is of interest. A psychophysiological tests for comprehensive assessment of olfactory function was utilized to investigate the anosmia together with a new technique based on the breath real-time monitor of VOCs. We apply the breath and VOCs analysis to investigate the chemoresponsiveness in a long term irreversible post-traumatic anosmia.