

病例報告：高壓氧對於上頷骨骨髓炎的治療經驗

Case Report : Hyperbaric Oxygen Therapy Experience for Maxillary Osteomyelitis

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個案報告：

- A 9-year-old girl who admitted due to fever, vomit, diarrhea, skin rash, orbital and nasal swelling. Group A Streptococcus (GAS) related toxic-shock syndrome was suspected.
- She had the problem with (1) R/O GAS-related toxic-shock syndrome (2) Hard palate fungus (candida and mold) infection (3) Left peritonsillar abscess, s/p incision and drainage for peritonsillar abscess & tooth extraction (4) Left acute rhinosinusitis, s/p left pansinusectomy, Left Sinoscopic (5) Osteomyelitis in the left perisinus, left femoral head and left sacrum after image studies. Toxic-shock syndrome with Group A infection & osteomyelitis in the left peri-sinus, left femoral head and left sacrum were diagnosed.
- Empirical antibiotic agents were given. (Ceftazidime (fortum)(tatumcef), PCN plus Metronidazole). Blood and pus culture were taken from patient, and ENT doctor was consulted for functional endoscopic sinus surgery. She received supportive care with antibiotic therapy、surgical debridement as well as hyperbaric oxygen therapy(HBOT) 2.5ATA for a total of 120min once daily for 40 HBOT sessions. After 9 months, healing was uneventful without any complications such as fungus infection, allergic reactions, or peritonsillar abscess; keeping medical-dental examination and tracking.
- HBOT facilitates the transfer of oxygen to the tissues of the human body. By doing so, it promotes healing of wounds and minimizes the typical recovery time for patients. It can be concluded that HBOT is powerful in conjunction to aggressive medical and surgical treatment.
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