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Advanced Hyperbaric Recovery™
Hyperbaric Oxygen Therapy of Marin™

Greetings!

This month we look forward to sharing some information on Hyperbaric Oxygen Therapy (HBOT) and how it helps dental professionals help their patients achieve advanced bone/dental healing.

HBOT in the Media

Hyperbaric Oxygen Therapy Allows Physician to Receive Needed Dental Care

Jaw weakened by radiation oncology therapy proved a concern for required treatment.

LANGHORNE, Pa., September 28, 2011 – When Dr. Milton Schwartz, a general practitioner in practice for more than 40 years, experienced a pain in his tooth and was in need of dental surgery, he faced an unusual obstacle. Dr. Schwartz had been treated for cancer at the base of his tongue in 2002 and the eight weeks of radiation therapy he received had weakened the bone structure in his jaw.



So much so that his dentist and oral surgeon feared that extracting the tooth had the potential to shatter his jaw bone and create a dry socket that might not heal.

Dr. Schwartz is grateful to be cancer-free. He also is grateful that his dentist and oral surgeon were familiar with late radiation tissue injury (LRTI), a condition that can develop months and even years after radiation treatment for cancer. "No matter how pinpoint and accurate the radiation treatments are, radiation inevitably damages some normal cells and blood vessels as it works to destroy the tumor cells," Dr. Schwartz says.

In his case, the damage to the small arteries in his jaw as a result of his radiation therapy reduced the circulation to that area, depriving it of oxygen and thereby weakening the bone structure. Furthermore, with a limited oxygen supply to the bone, any trauma to the area, including oral surgery to extract a tooth, had the potential to create a wound that would not heal.

Because it has the ability to improve blood flow, Hyperbaric Oxygen Therapy (HBOT) is often recommended for bone and tissue injury resulting from radiation therapy. Dr. Schwartz is very familiar with the positive effects of hyperbaric oxygen treatments. "Hyperbaric treatment is an especially helpful tool for my patient with diabetes or arteriosclerosis who have trouble with wounds that won't heal," says Dr. Schwartz.

After consultations with his oncologists, Dr. Robert Reilly and Dr. David Brotman, Dr. Schwartz agreed to the recommended course of HBOT.... "Hyperbaric treatment is effective anytime circulation is compromised," says Dr. Reilly. The procedures went smoothly and proved successful in strengthening his jawbone. Dr. Schwartz had the troublesome tooth extracted and the extraction site healed without complications.

Although people with diabetes are especially at risk, chronic and non-healing wounds can result from a number of factors, including poor circulation, late radiation tissue injury trauma, vein disease, and immobility (which can lead to pressure ulcers, also known as bed sores).

Dr. Reilly concludes, "I personally believe more patients could benefit from Hyperbaric Oxygen Therapy."

-Provided from a press release of St Mary's Medical Center, PA

Featured Past Patient Testimonials:

I cannot tell you the miracle I felt ---- after being in the hyperbaric chamber for the past 40 days ----- I knew God put me not only in the chamber----but in your hands for me to heal.

After being in the chamber for one week I noticed a steady gain of energy that filled me with hope. As my body started to clear off toxins my coloring improved and my gums grew back so I did not have to go do the gum grafting that was scheduled to happen, a miracle indeed.

Thank you! Thank you!

I must compliment you and your entire staff for not only your medical expertise, but the love and caring you so beautifully provided. The Hyperbaric center is truly a gift from God and I know all who come for healing will be truly blessed. Thank you for being there when nothing else worked.

S.S.

Monthly Case Study:

74 patients who needed teeth removed from high-dose radiated mandibles were split into two equal groups.

One group underwent tooth removal with standard techniques and antibiotics, while the other group underwent a hyperbaric oxygen protocol of 20 treatments before and 10 treatments after tooth removal with no antibiotics given at any time. After 6 months, those with exposed, nonhealing mandibles were considered to have osteoradionecrosis.

The incidence of osteoradionecrosis was 29.9% in the antibiotic treated group versus 5.4% in the hyperbaric-no antibiotic group ($p=0.005$). In addition, 8 of the 11 affected antibiotic patients required jaw resection and were given HBOT for resolution. Of the 2 patients from the HBOT group who developed osteoradionecrosis, neither required jaw resection, indicating a less severe form of necrosis. The 20/10 protocol has since become the standard treatment protocol for single and multiple tooth removals, as well as for surgery in any radiated tissue. (1985, Marx et al.)

What do our patients have to say?!



Trudi Smith

★★★★★ 10 months ago

After much research about hyperbaric oxygen, I found two places, one in San Francisco and one in Marin. Both places had great marks, so I made a visit and quickly settled on Advanced hyperbaric Recovery. The office is clean, spiritual, environmentally Green, friendly, and welcoming. I felt safe in trusting my care with all staff members while was in the chamber.

I signed up for 40 treatments and each treatment brought on many shifts in my body and mind. Everyday, I noticed a change. My chronic pain decreased, skin rash improved, skin hair started to grow, and my overall attitude about my health issues has greatly improved. During each step of my treatments, I was given guided instructions that made each experience special to me. Not only did I feel the improvement in me, I could see it in my physical body.

I recommend Advanced Hyperbaric Recovery to anyone with multiple health issues like I have. It has the been oxygen system in the bay area. For me, it is the frontier to a higher level of healing with having to take so many prescription medication. I love the place!

Why we should be your choice for HBOT:

How we strive to be the BEST in the North Bay:

1: Location, location, location!

We are centrally located for ease of patient access. Our location makes us uniquely located, right off the Hwy 101 and Hwy 580 (the Richmond Bridge) 5 minutes from Richmond, 10 minutes from Berkeley, 10 minutes from San Francisco, 25 min from Sonoma County and close to many other Bay Area communities.

2: We have a "Green Certified facility", using no VOCs in the paint, furniture and flooring (for our chemically sensitive patients).

3: We have the newest and largest monoplace chambers in the Bay Area, able to accommodate up to a 450lb patient. For extremely sensitive patients

2 of our chambers are manually operated for instant control over flow and pressure. These chambers also have internal releases which helps our claustrophobic patients feel more in control. We do not use restrictive masks or hoods (but we do have that capability for a severe diving patient who needs to be in the chamber longer). We also do not RECYCLE our oxygen or use CO2 "scrubbers". Because of that we use 85% more oxygen than our competitors. Every chamber has a separate intake pipe and a separate exhaust pipe that results in a constant flow in and a constant purging out of fresh oxygen.

4: Safety is paramount to us. At Advanced Hyperbaric Recovery each of our chambers is earthquake retro fitted and grounded for optimal patient safety. Our piping system is very specialized and was designed and installed by one of only 3 certified "breathable gas" plumbers in Northern California. (They do all the gas system installations for Bay Area hospitals.) Our piping system uses specialized pipe which was welded with silver and not soldered with lead. We set up our system using more safety manifolds and safety measures than is required or suggested. All of our chambers are dismantled, cleaned and pressure tested annually by the manufacturer and a 3rd party service provider. We were told that none of the other hyperbaric providers in the Bay Area do that.

5: Our Team is made up of dynamic specialists who have been with us since the beginning of our business and have more experience in running a HBOT facility than any other facility in the North Bay. Our hyperbaric oxygen therapy facility is fully staffed and regularly trained with ongoing CEU's to professionally handle all emergencies and to provide exceptional patient care. Our highly trained Certified Hyperbaric Technologists/EMTs include a Technical Director, 2 Safety Directors, a HIPAA Officer and a Program Director. Our CHTs have twice won "Hyperbaric Technologist of the Year" as voted upon by an International Group of patients and hyperbaric peers. Our administration is experienced in insurance billing, HIPAA regulation, patient correspondence and patient relations.

6: We provide an advanced water system that purifies, alkalizes and re-mineralizes the water that our precious patients drink daily making the water easier to assimilate, tastes good and results in excellent rehydration and detoxification.

Finally: Support, empathy, and advocacy is what the patients at Advanced Hyperbaric Recovery experience.

Who do you know that is suffering and can benefit from the services we offer?

We're everywhere!
Don't forget to follow us:

Find us on 

Find us on 

Like us on 

Follow us on 

View our videos on 

FOLLOW US ON 

 View on Instagram

FOLLOW US ON 

View our profile on 

Free tour!!

Our facility and our staff at Advanced Hyperbaric Recovery have been awarded multiple times as being some of the best in the world!! Call our office today to schedule your free personalized tour of our facility and time to talk about case studies specific to your condition with one of our Certified Hyperbaric Technologists(CHT).

Offer Expires: 4/1/2015

Thank you for your interest in our newsletter and for partnering with us to help improve quality of life through medical grade hyperbaric oxygen therapy. We have access to published case studies on many different conditions that have been shown to improve with HBOT. If you have any other questions please [contact us](#) for more information.

Happy healing,

"Our Team"




Advanced Hyperbaric Recovery LLC

Hyperbaric Oxygen Therapy of Marin
and volunteer of the
H.O.P.E. For Healing Institute
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