

The Role of Hyperbaric Oxygen Therapy in Female Infertility

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Female infertility, defined as the failure to conceive following 12 months of unprotected intercourse, is an unfortunate health problem that plagues as many as six million couples in America today. Women who experience difficulties conceiving often feel depressed and desperate, which can lead to relationship problems as well as a general deterioration of personal wellness.

While certain conditions are known to increase the risk of infertility, such as Polycystic Ovarian Syndrome and Endometriosis, as many as one-third of cases go unexplained. Despite this fact, the thickness and blood supply of the endometrium—the membranous inner lining of the uterus—is typically considered a good yardstick for assessing female fertility. The adequate preparation of the endometrium during the menstrual cycle is essential to conception due to its direct role in



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may represent a safe and highly effective alternative to women seeking treatment for thin endometria. HBOT has been shown to improve both endometrial blood supply and thickness; recent medical studies have shown excellent results in endometrial thickening with HBOT. For example, a study with the University of Belgrade of

32 women with unexplained fertility resulted in an average endometrial thickness of 11mm. No other treatment is as effective in improving endometrial oxygenation and blood supply as HBOT.

The Neubauer Hyperbaric Neurologic Center (NHNC) is currently accepting subjects for a study that will investigate the degree of endometrial thickening that occurs in women of childbearing age that are actively seeking to conceive. **Qualified women will receive one cycle of HBOT (seven sessions of 60 minutes each) free of charge. Please contact our clinic for**

further details to see if you or a loved one is eligible for this exciting, safe alternative to fertility improvement!

Since 1972, the Neubauer Hyperbaric Neurologic Center strives to maintain the "Dr.

Neubauer philosophy" along with his insatiable desire and drive to improve the life of his patients and their families.

Our Research Director, Ginger Neubauer is devoted to continuing her father's holistic approach to medicine and pioneering spirit that was driven towards aiding the thousands of patients affected by the multiplicity of neurologic damaging conditions. Dr. Victoria Tunncliffe, Clinical Coordinator, serves along with Dr. Luis G. Rodas, a medical doctor from Ecuador who practiced several years as a U.S. Physician Assistant to the late Dr. Richard Neubauer, now practicing under the supervision of Dr. George Daviglus, the NHNC Medical Director.

Neubauer Hyperbaric Neurologic Center is located at 4001 Ocean Drive, Lauderdale-by-the-Sea, FL 33308. For an appointment, call 954-771-4000/1-800-552-0255 or go to www.oceanhbo.com.

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embryonic implantation. In fact, implantation failure is the most common problem associated with in vitro fertilization.

In order for conception to be successful, an endometrial thickness of 10mm is considered ideal, with those of 7mm or less often being associated with infertility. Women with inadequate endometria are typically advised to take high doses of estrogen, or take drugs that improve peripheral blood flow such as pentoxifylline. However, many women feel it undesirable to using drug therapy around the time of pregnancy due to the risks of fetal damage.

Hyperbaric Oxygen Therapy (HBOT)