

California IVF Fertility Center

In Collaboration with the UC Davis Health System

Our Family Newsletter



In this edition

A Time of Growth, Change and Opportunity

Sher Institute of Sacramento Purchased to Meet Demand

California IVF Updates Name

UC Davis Collaboration Gives Patients Best of Private Practice and Academic Worlds

Three New Physicians Join California IVF Team

UC Davis Research Links Common Gene to Infertility

A Time of Growth, Change and Opportunity for California IVF

The past six months have been filled with growth, change, and opportunity. California IVF purchased a competing Sacramento fertility center, signed a collaborative agreement to provide clinical services and resident teaching for the UC Davis Fertility Center, and added three infertility experts to our team. California IVF Fertility Center would like to take this opportunity to say thank you to our patients, referring physicians, and colleagues for helping make our expansion and growth possible. We could not do it without your support. While our goal of providing outstanding patient care in a

family-like atmosphere has not changed, we hope that our new Sacramento location and collaboration with UC Davis Health System will help more families reach their goal of having a baby. Additional information about these exciting changes can be found in this newsletter. Over the year to come, we will reach out to patients, referring physicians, and the public to share more information about our expansion and research opportunities. We look forward to hearing your feedback and answering any questions you may have.

- Dr. Ernest Zeringue

Sher Institute of Sacramento Purchased to Patient Meet Demand

In April of this year, California IVF Fertility Center purchased the Sher Institute of Reproductive Medicine Sacramento and took over its existing patients and referral base. The purchase of the Sacramento fertility clinic location will allow for continued expansion due to the successful growth of the Davis practice and increase in patient volume from our new collaboration with UC Davis. Currently, our

Sacramento infertility clinic is undergoing renovations to expand the embryology lab and install a state-of-the-art clean air filtration system. During construction, Dr. Satin Patel, formerly of Northern California Fertility Medical Center, will see patients at our Davis location. A grand opening ceremony will be announced once the facilities remodel is complete.

California IVF Updates Name to Reflect Sacramento Area Expansion

California IVF: Davis Fertility Center, Inc. recently changed its name with the State Medical Board to California IVF Fertility Center and, more simply, California IVF. In addition, each of our facilities will have location-specific names including Davis Fertility Center, Roseville Fertility Center

and Sacramento Fertility Center, Inc. We hope that removing "Davis" from our company name will signify that we will be operating multiple locations, and prevent any confusion for patients and referring physicians. California IVF remains committed to our patients at all locations.



"I try to encourage our patients to not give up hope, and am always here to give hugs. I truly love all of our patients!"

- Alisa Zeringue

UC Davis Collaboration Merges Private Practice and Academic Worlds



This past spring, California IVF Fertility Center entered into a collaborative agreement with the University of California, Davis to take over the clinical and teaching services of the UC Davis Fertility Center.

As of July 1, 2011, patients of the former UC Davis Fertility Center began receiving their care in Davis at California IVF Fertility Center.

Patients already enrolled in the UC Davis Fertility program, but not currently undergoing treatment, should be able to continue their care without any major delays or interruptions.

Patients with insurance as part of the UC Davis Medical Group will be able to utilize their benefits at California IVF and all new physician referrals to the UC Davis Fertility Center should be sent directly to California IVF.

Our collaborative arrangement will also bring OB/GYN residents to California IVF Fertility Center as part of their rotation to introduce them to reproductive endocrinology.

California IVF strives to provide patients individualized attention and educational programs as they move through treatment. Having residents at our clinics will add another dimension to patient visits.

Patients will now have the opportunity to participate in detailed discussions with physicians and residents, and learn more about how our infertility experts have come up with a diagnosis and treatment plan.

Our collaboration with UC Davis will give patients the attention of a private practice setting, and with the UC Davis Health System, a strong foundation in research and teaching.

Helping Women Test Their Ovarian Reserve - AMH

Ovarian reserve is a term used to estimate the possible number of mature eggs a woman may have available at any given time. Although it is not possible to count the actual number of mature eggs, testing a woman's AntiMüllerian Hormone (AMH) level provides a good correlation for how many eggs are currently maturing. Using this test, physicians can assess a woman's potential to predict how she may respond to fertility medications more accurately than FSH tests.

In a natural menstrual cycle, multiple eggs are in competition to be ovulated. AMH is a protein produced by eggs as they reach the latter stages of development. Therefore, by testing a woman's AMH level physicians can estimate the remaining potential for a woman to produce multiple eggs in response to medications. In this way, AMH can be used to test a woman's ability to produce mature eggs and predict her ovarian reserve.

The AMH level will be higher in a woman who has a larger numbers of eggs preparing to ovulate. Having more eggs competing with one another should improve the chances of having a good quality egg being available during fertility treatment.

While it is not the only test to help estimate a woman's fertility, AMH levels can help infertility specialists come up with possible treatment options.



" We never know the love of our parents for us till we have become parents."

– Henry Ward Beecher

Three New Physicians Added to California IVF Team

Because of the purchase of the Sher Institute of Sacramento and new collaboration with UC Davis, California IVF has added two reproductive endocrinologists and a urologist to our team.

As of October 2011, Dr. Satin Patel has joined California IVF after working at Northern California Fertility Medical Center as reproductive endocrinology specialist.

Dr. Patel will practice in our Sacramento facility and looks forward to offering IVF and related infertility services to patients located in the Roseville, Folsom, El Dorado Hills and Greater Sacramento area. He has interests in PCOS, IVF, and tubal ligation reversal procedures.

Dr. Antoni Duleba is a renowned fertility researcher and clinician who has joined us from the former UC Davis Fertility Center.

Dr. Duleba will practice in our Davis location and provide clinical care to patients with a broad range of reproductive and endocrine problems, including infertility, abnormal uterine bleeding, and PCOS.

Our collaboration with UC Davis will allow for the expanded integration of male fertility specialist Dr. John Gould, a Board Certified Urologist.

Dr. Gould is available for consults at our Davis location and will help round our expanded andrology program, which offers services such as semen analysis, investigation of physical causes of male fertility problems, as well as surgical services including vasectomy reversals and surgical extraction of sperm for use with ICSI.

Our California IVF team of doctors combines the best of personalized patient care with a collaborative group of fertility specialists.



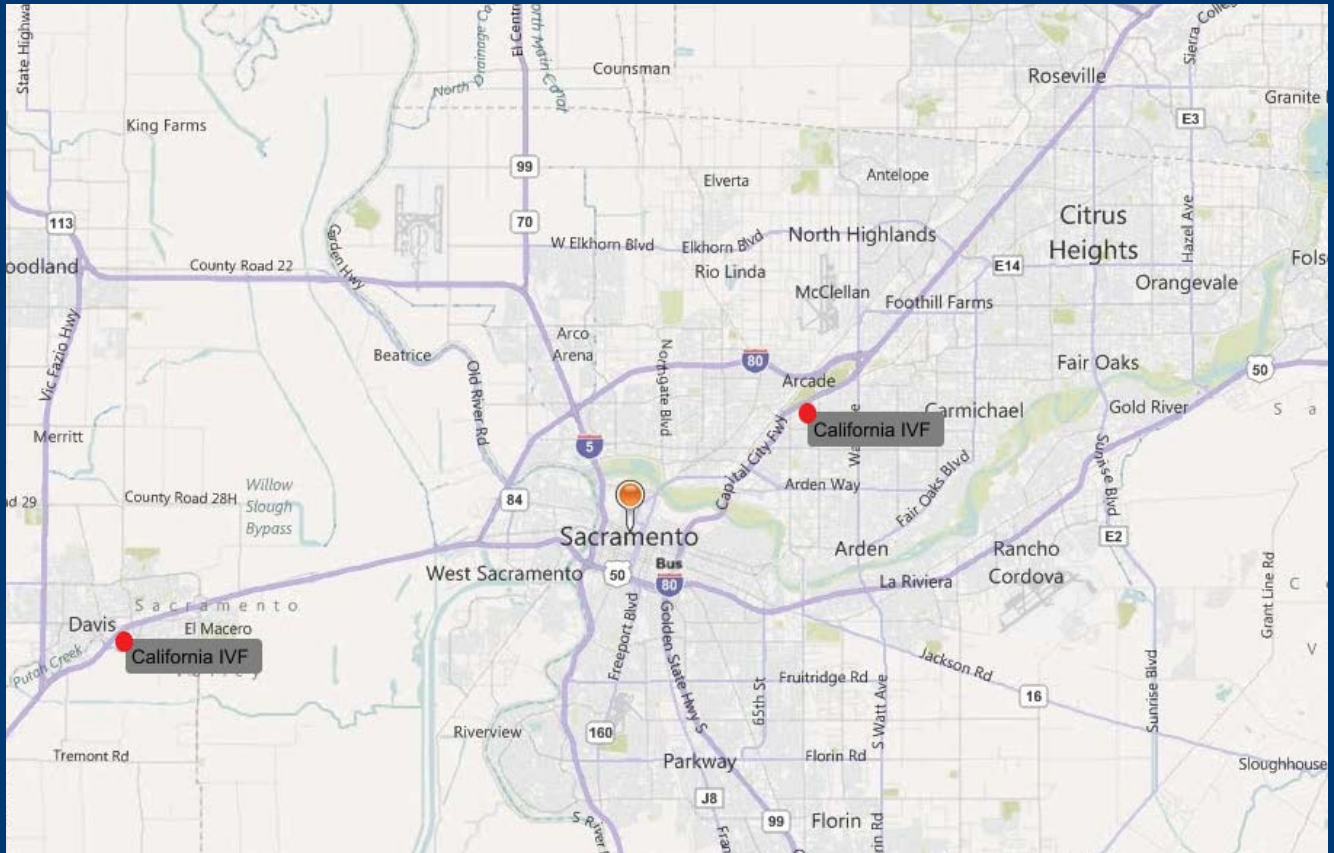
"I am grateful to be a part of California IVF. It's a joy helping others achieve their dreams of having a family."

– Stacey Whittaker

California IVF Fertility Center Locations

1550 Drew Ave. Suite 100 Davis CA 95618

2288 Auburn Blvd. Suite 204 Sacramento CA 95821





UC Davis Researchers Link Common Gene with Male Infertility

UC Davis researchers recently published an article in Science Translational Medicine about a common gene mutation that may significantly impact testing for male fertility. They have found that male infertility problems increase with the presence of two defective genes for the protein DEFB126.

This protein helps coat the sperm and allow for safe passage through cervical mucus. In studies, it was demonstrated that when these two defective genes in the DEFB126 protein were present, sperm showed a decreased ability to swim through an artificial gel made to resemble cervical mucus. Men with two copies of the defective gene were found to be less fertile.

While the findings will need to be evaluated in a clinical setting, it seems very possible that this research may lead to the development of a test that could be applied to infertile men. It is thought that up to one fourth of all men may carry two copies of the genetic defect for the DEFB126 protein, which may significantly impair their ability to conceive naturally. It is unclear whether this defective protein could affect chances of pregnancy with intrauterine insemination, or if in vitro fertilization (IVF) or intracytoplasmic sperm injection (ICSI) would be required.

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Need a Semen Analysis?

California IVF has a full service andrology lab that can provide referring physicians quick and accurate semen analysis testing for patients, in a private and confidential setting. Our facility works regularly with Sutter, UC Davis, Mercy, and Kaiser patients to diagnose and overcome male infertility. All semen analysis patients briefly meet with one of our four reproductive endocrinologists or with male infertility expert Dr. John Gould.



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