

California Prenatal Screening Program

Moving to Cell-free (cfDNA) Screening: A Clinical Overview

April 18, 2022

Take our quick poll:

<https://forms.office.com/g/9UAyyypkygG>

(see Chat box for live poll link, or scan QR code to right)



Welcome!

Moderator Introduction:

Lisa Feuchtbaum, DrPH, MPH, Program & Policy Branch,
Genetic Disease Screening Program

Overview of New Program Changes

Sara Goldman MPH, Assistant Division Chief, Genetic Disease Screening Program

Featured Presenters

- **Cell-free DNA Screening: Clinical Overview:** Mary Norton MD, Professor and Division Chief, Maternal Fetal Medicine, UCSF
- **Cell-free DNA Practice Experience & Guidelines:** Jasmine Lai MD, Maternal Fetal Specialist, Scripps Clinic

Moving to cfDNA: Closing Comments and Reminders

Lisa Feuchtbaum, DrPH, MPH, Program & Policy Branch,
Genetic Disease Screening Program

Continuing Medical Education

- The Genetic Disease Screening Program is accredited by the California Medical Association to provide continuing medical education for physicians.
- This webinar will be a continuing medical education (CME) opportunity for 1.5 *AMA PRA Category 1 Credits*TM.
- Recording link will be emailed and recording will be posted on https://bit.ly/PNS_Webinars for viewing and enduring content CME credits.
- For CME credits, complete evaluation survey and the certification will be emailed.
- CMEs may also be used for continuing education credits by other professional credentialing organizations (e.g., genetic counseling, nursing...). Please consult your credentialing organization for specific documentation requirements.

California Prenatal Screening Program Changes



Sara Goldman, MPH

Assistant Division Chief

Genetic Disease Screening Program

You May Have Read About It...



<https://tinyurl.com/GDSPOnline>

www.CDPH.ca.gov/PNS

New Program Approach: Two Separate Tests

1. Cell-free DNA (cfDNA) for chromosome abnormalities

A genetic screen that examines fetal DNA circulating in maternal blood

- ❑ Trisomy 21 (Down syndrome)
Trisomy 18
Trisomy 13
- ❑ Fetal sex, if requested by the participant/provider
- ❑ Offered at 10 weeks of gestation or later
- ❑ Fee: \$232, covered by Medi-Cal or patient insurance & includes follow-up services
- ❑ Availability of follow-up genetic counseling and diagnostic services for screen-positive individuals at state-approved Prenatal Diagnosis Centers (PDCs)

New Program Approach: Two Separate Tests

2. MSAFP Screening for Neural Tube Defects

A biochemical screen that measures maternal serum alpha-fetoprotein (MSAFP)

- ❑ Anencephaly
Spina bifida
Abdominal wall defects
- ❑ Offered from 15 weeks through 21 weeks 0 days of gestation
- ❑ Fee: \$85, covered by Medi-Cal or patient insurance & includes follow-up services
- ❑ Availability of follow-up genetic counseling and diagnostic services for screen-positive individuals at state-approved Prenatal Diagnosis Centers (PDCs)

Planned Timeline for Program Changes



Prenatal Care Provider Education and Training

- Provider video on Prenatal Screening Program
- Training videos on using CalGenetic Portal
- Provider Handbook revision
- Prenatal Screening Program e-Newsletter (<https://tinyurl.com/GDSPOnline>)
- Website: www.cdph.ca.gov/PNS

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PRENATAL SCREENING PROGRAM

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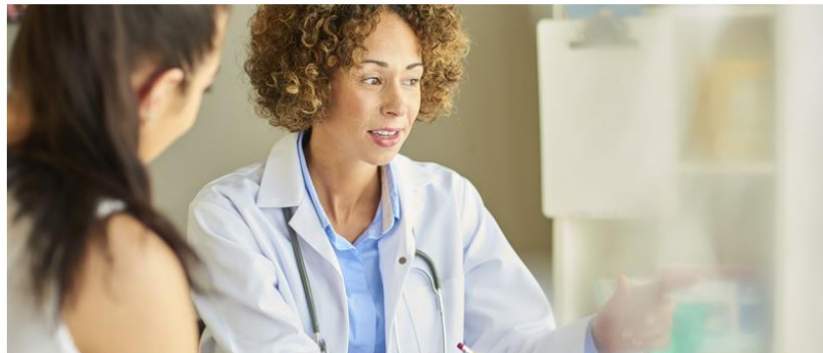
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[Online Prenatal Screening](#)



Prenatal Screening Program Redesign Elements

Comprehensive approach for patient education through patient video and new patient booklet

- Describes the benefits and limitations of prenatal screening
- Describes the difference between prenatal screening and diagnostic testing
- Availability of follow-up genetic counseling and diagnostic services for screen-positive, high-risk individuals

Prenatal Screening Program Redesign Elements

High-quality screening for the three most common autosomal trisomies: trisomy 21, trisomy 18 & trisomy 13

- Consistent with current medical standard of care as presented in ACOG Practice Bulletin No. 226 and ACMG Statement, Genetics in Medicine, Vol. 18, Number 10, October 2016

Equitable access to screening and follow-up services

- Universal access for pregnant California residents
- Fee covered by Medi-Cal and health insurance plans
- Affordable price for self-insured or uninsured

Prenatal Screening Program Redesign Webinars

- **1st Webinar: Moving to Cell-free (cfDNA) Screening: A Clinical Overview**
 - Webinar recording and evaluation survey will be posted online
- **2nd Webinar: What To Expect with the Program Changes**
 - July 26, 2022, 5 PM–6:30 PM
- **3rd Webinar: Educational and Training Materials**
 - August 24, 2022, 12 Noon–1:30 PM
- Visit: https://bit.ly/PNS_Webinars for recordings and registrations

Featured Speaker: Mary Norton, MD



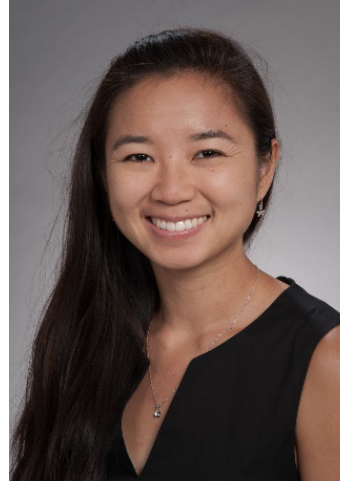
Professor and Division Chief, Maternal Fetal Medicine,
David E. Thorburn, M.D. and Kate McKee Thorburn
Endowed Chair in Perinatal Medicine and Genetics
University of California, San Francisco

Cell-free DNA Screening: Clinical Overview

Mary Norton MD

Professor and Division Chief, Maternal Fetal Medicine,
University of California, San Francisco

Featured Speaker: Jasmine Lai, MD



Maternal-Fetal Medicine Specialist
Scripps Clinic

Cell-free DNA Practice Experience & Guidelines

Jasmine Lai MD,
Maternal Fetal Specialist, Scripps Clinic

Moving to cfDNA: Closing Comments and Reminders

Lisa Feuchtbaum DrPH, MPH, Program and Policy Branch, GDSP

- CalGenetic Portal sign-up reminder
- Instructions for obtaining CMEs
- Additional educational opportunities

Register on CalGenetic Portal

To register on the CalGenetic Portal, go to <https://calgenetic.cdph.ca.gov>.
You can view patient screening results today!

- Physicians (MDs/DO) have access to the portal today.
- Expanded access to the portal will be effective **May 16, 2022** and will include:
 - Physician assistants, nurse midwives, and nurse practitioners
- Portal training resources for providers, including videos, coming soon.
- After program launch, cfDNA and MSAFP screening orders should be placed through the CalGenetics Portal.

Additional cfDNA Learning Resources



Genetic Education Modules
Resources for OB Providers and Women in Pregnancy

Sign In

Register

Welcome to GEM

Click on the Introductory Video below to Explore



Interactive provider and patient videos and educational materials are available via Perinatal Quality Foundation's Genetic Educational Module (GEM) at <https://gem.perinatalquality.org>

CME Evaluation

- Please complete the evaluation survey online to receive credit.
<https://forms.office.com/g/4Sr6nTxTZ1>. CME certificate will be emailed to you.
- Recording will be posted on https://bit.ly/PNS_Webinars with survey link for CME. References related to today's webinar will be posted there too.
- Link to the web page and evaluation survey will be emailed to all webinar registrars.



SCAN QR CODE TO
ACCESS THE CME
EVALUATION SURVEY

Thank You!

California Prenatal Screening Program

Send questions and comments to: PNS@cdph.ca.gov

E-Newsletter: <https://tinyurl.com/GDSPOnline>

Visit www.cdph.ca.gov/PNS

