



# Module 1: Understanding the SIS System



# Introduction

Welcome to the California Prenatal Screening Program eCourse for NT Practitioners. This self-paced eCourse will teach you how to successfully use the Screening Information System (SIS) to participate in the California Prenatal Screening Program.

If you have problems with the eCourse or have any questions as you review the material, please contact us:

Genetic Disease Screening Program

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*California Department of Public Health*

# California Prenatal Screening Program

The California Prenatal Screening Program (PNS Program) was developed by the California Department of Public Health (CDPH) Genetic Disease Screening Program (GDSP), and first made available in April 1986. The PNS Program is designed for the prenatal detection of Neural Tube Defects, Abdominal Wall Defects, Down syndrome, Trisomy 18, and Smith-Lemli-Opitz syndrome.

In March 2009, the PNS Program expanded to include First Trimester Screening. The expanded program enables integrated screening across the two trimesters and includes nuchal translucency (NT) data. This expansion enables expectant mothers to obtain risk assessments earlier in pregnancy and provides more accurate risk assessment than serum screening alone. The PNS Program continues to evolve to incorporate improved screening technology.

We invite all NT Practitioners who have been credentialed by either Nuchal Translucency Quality Review (NTQR) or Fetal Medicine Foundation (FMF) and registered with the PNS Program to participate in the PNS Program.





# SIS Supports the PNS Program

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SIS is the integrated clinical screening and case management system which supports the California Prenatal Screening Program (PNS Program) and Newborn Screening Program (NBS Program). The SIS application was first implemented in 2005 to enable GDSP to fully support the State's annual 340,000+ prenatal and 525,000+ newborn screening tests.

NT Practitioners will join a wide range of SIS users including:

- Newborn and Prenatal Screening (NAPS) Laboratories
- Case Coordination Centers (CCCs)
- Prenatal Diagnostic Centers (PDCs)
- Sickle Cell Counseling Centers (SCCCs)
- Metabolic Centers (MCs)

SIS utilizes web-based technology to enable its users to enter and view data, thereby facilitating case review, updating, and management functionality. SIS provides a wide range of benefits, including:

- Enhanced reporting capabilities
- Automated workflow
- Increased access to case management data
- Centralized information storage and access
- Case/client matching



# SIS Training eCourse

Through this eCourse, you will learn how to access the Screening Information System (SIS), enter NT exam data directly into SIS, and obtain an immediate risk assessment for your patients.

Although this training is designed primarily for NT Practitioners, it is also appropriate for staff who will be entering NT data into SIS (NT Data Entry Staff).

Both NT Practitioners and NT Data Entry staff must complete this training, submit an SIS NT Access Request Form, and submit an Oath of Confidentiality in order to obtain access to SIS. In addition, NT Data Entry Staff are required to submit a Letter of Association from a registered NT Practitioner and verification of their professional licensure or certification before access to SIS can be granted.

Copies of the [NT Access Request Form, Oath of Confidentiality, and Letter of Association](#) can be found on the Program's website for NT Practitioners at:

[NT Practitioner Web-page](#)



# Additional Program Resources

In addition to this training, two PNS Program guides are available for NT Practitioners:

1. *Nuchal Translucency Practitioner Manual*: This manual provides additional background on the PNS Program and provides NT Practitioners with the information necessary to participate in the PNS Program
2. *Quick Reference Guide for NT Practitioners*: This two-page reference document provides handy access to PNS Program guidelines and SIS protocols

[These resources, along with other Program materials, can be found on the Program's website for NT Practitioners](#) at:

[NT Practitioners Web-page](#)





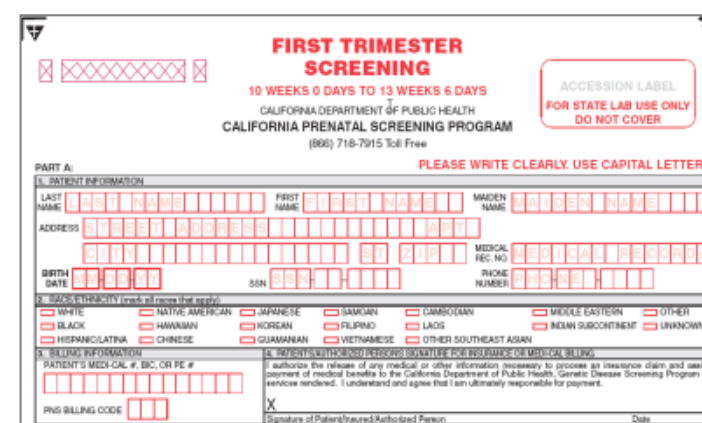
# NT Practitioner Participation

Any NT Practitioner who is credentialed through Nuchal Translucency Quality Review (NTQR) or Fetal Medicine Foundation (FMF) and is registered with the State can participate in the PNS Program.

NT exam information can be submitted in three ways:



*Entering the data directly into SIS*



*Recording the information on a Test Request Form (TRF) for submittal with a blood specimen*



*Reporting the information to the referring clinician*

If data cannot be submitted in one of these three ways, please report the data to the Prenatal Screening Coordinators. In all cases, NT Practitioners must be both credentialed and registered with the State for the NT exam data to be used for risk assessment. SIS interfaces with both NTQR and FMF to maintain updated lists of credentialed practitioners. If you have a question about your credential status, contact NTQR or FMF directly.



# Requirements for SIS Users

This eCourse is a prerequisite for NT Practitioners and NT Data Entry Staff to be able to enter data directly into SIS. If you do not complete this eCourse, you can still submit NT exam data by one of the other methods: on the first or second trimester Test Request Form (TRF) or by communicating directly with the referring clinician.

If you wish to be a SIS user and directly enter NT exam data into SIS, you must:

1. Complete this eLearning course.
2. Sign and submit the SIS NT Access Request Form and the Oath of Confidentiality.
3. NT Data Entry Staff must also submit a Letter of Association and verification of their professional licensure or certification.

Once you have fulfilled these requirements, SIS login instructions will be sent to you via e-mail. It general takes **3-5 business days** for your SIS login to be created.





# Summary

The purpose of the PNS Program is the prenatal detection of genetic diseases.

The Prenatal Screening Program now includes the following:

- First Trimester analytes
- NT exam data
- Sequential integrated screening

By the end of the course, you will:

- Be familiar with the SIS application
- Understand how to enter NT data directly into SIS
- Be prepared to view and share the results with the patient



# Introduction

## **This course consists of six modules.**

Please plan to spend approximately 30 minutes to complete all six modules.

When you have completed the training, please be sure to submit the *SIS NT Access Request Form* (which includes acknowledgment of training completion) and the *Oath of Confidentiality* (and *Letter of Association*, if required) to GDSP.

Module 1 – Introduction: This module outlines the benefits of the expanded PNS Program.

Module 2 – Understanding SIS: This module provides basic information on the SIS application, as well as access and navigation instructions.

Module 3 – Client Searching: This module outlines how to successfully search for a patient.

Module 4 – Entering NT Data: This module describes the data fields shown on the 'Enter NT Data' screen and the associated validation rules.

Module 5 – Viewing Interpretation Results: This module covers the process for obtaining case interpretation through SIS and communicating results to patients.

Module 6 – Wrap up: This module summarizes the content presented in the course and outlines your next steps beyond completion of this eCourse.



# Introduction

Module 1 - Introduction

Module 2 – Understanding SIS

Module 3 – Client Searching

Module 4 – Entering NT Data

Module 5 – Viewing Interpretation Results

Module 6 – Wrap-up

You have just completed Module 1. Return to the [NT Practitioners Training](#) Continue to Module 2

