TYPE 1 DIABETES & ASIAN CULTURES

Tandy Aye, MD
Pediatric Endocrinology and Diabetes
Stanford, California
Welcome and Thank you!
GOALS

To meet other Asians with type 1 diabetes (T1D)

To establish a community of support

To understand how to incorporate unique cultural practices in everyday diabetes management

To advocate for the Asian community with T1D
Statistical Information About T1D and Asians

Incidence of T1D in East Asians is 0.1 to 8 per 100,000/year.

One of the lowest compared to European derived population.

Globally 40 million with T1D and about 78,000 children develop T1D each year. In all age groups particularly in younger children the incidence is increasing.

We need to learn more about the causes and genetics of T1D.
INCIDENCE BY COUNTRY
CONFOUNDING FACTORS FOR LOW INCIDENCE

Recently Asian countries have started reporting the information.

Distinction between Type 1 and Type 2

Poor participation in studies
Genetics

Environmental triggers

Insulitis

Type 1 Diabetes

Diabetes Exposure

Eye Complications
Renal Complications
Large Vessel Complications
TRIALNET: PATH TO PREVENTION STUDY

Aims to study the autoimmune causes of T1D

Relatives of those with T1D can be screened for FREE to see what their risks are for developing T1D

We are screening today!

Allows for entry into Prevention Trials
ASIAN PARTICIPANTS IN THE US

1.4%
ASIAN PARTICIPANTS AT STANFORD

4.0%