



# Usare l'AI per superare le diseguaglianze di salute nel bambino

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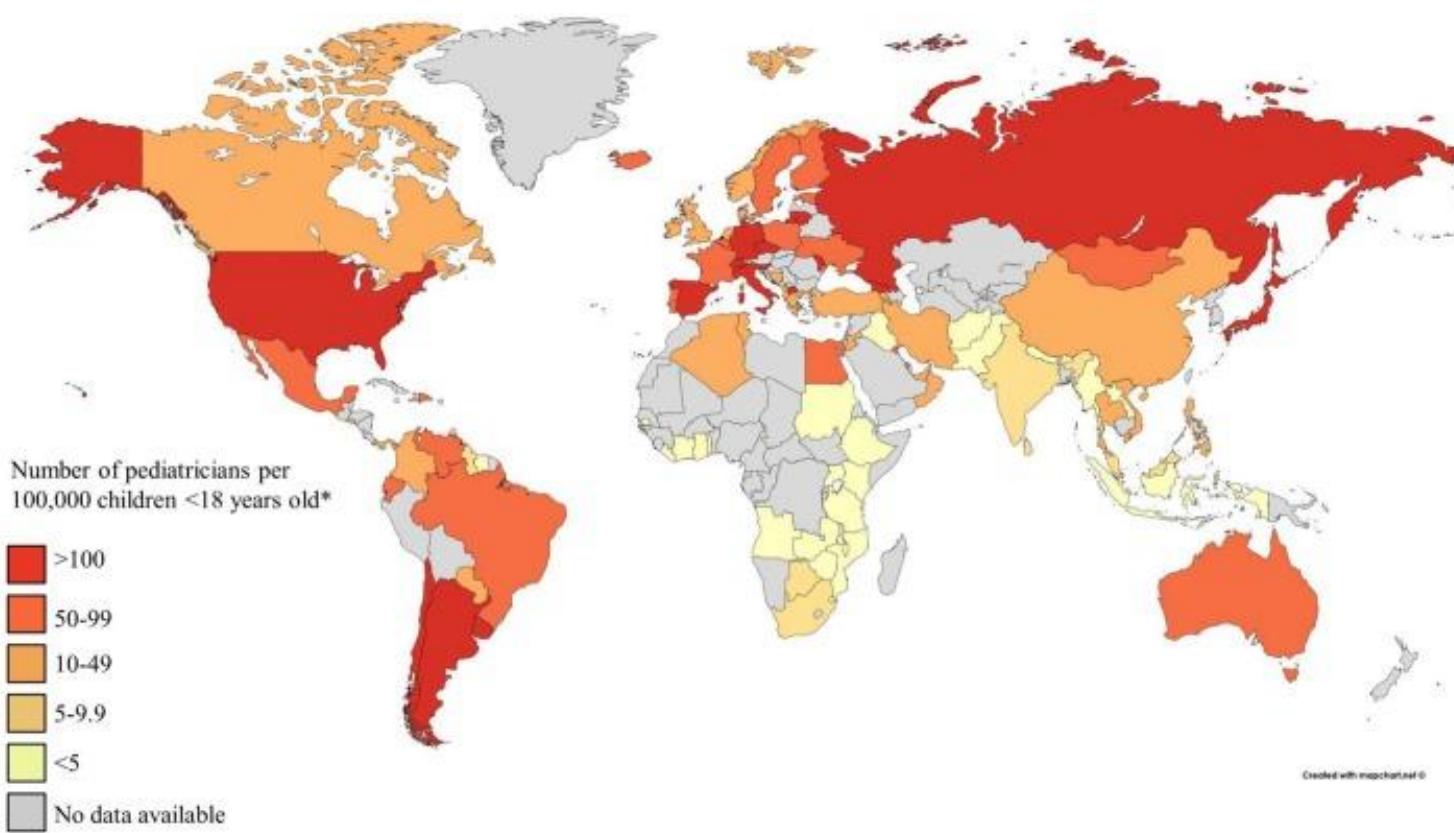


Bambino Gesù  
OSPEDALE PEDIATRICO

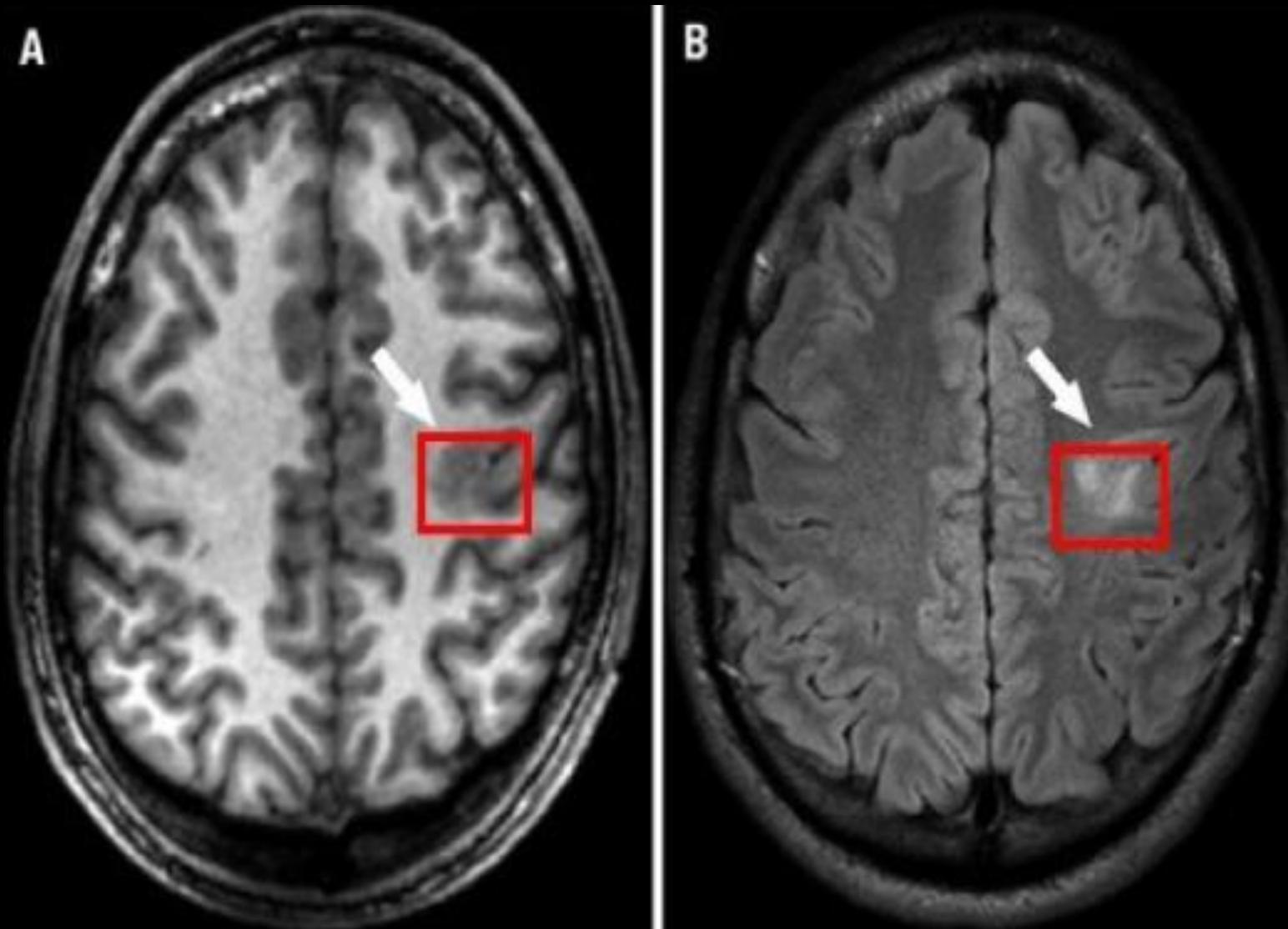
INTERNATIONAL  
SOCIETY FOR  
**Pediatric  
Innovation**



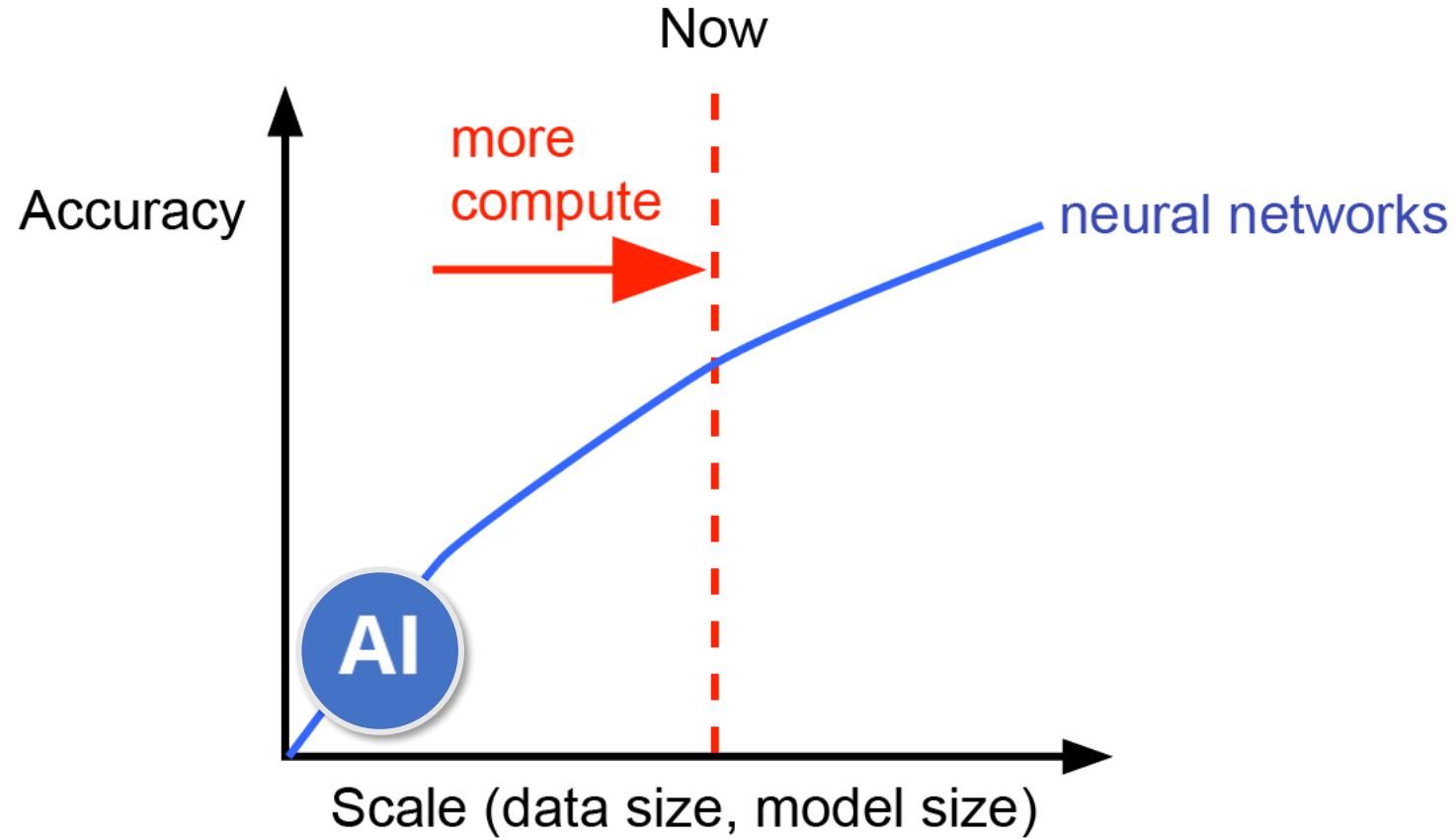
# Numero di pediatri per 100,000 bambini



\*Data Source: UNICEF Country Statistics



Le applicazioni di AI per la medicina sono ancora addestrate con pochi dati



*Courtesy, Jeff Dean, Google*

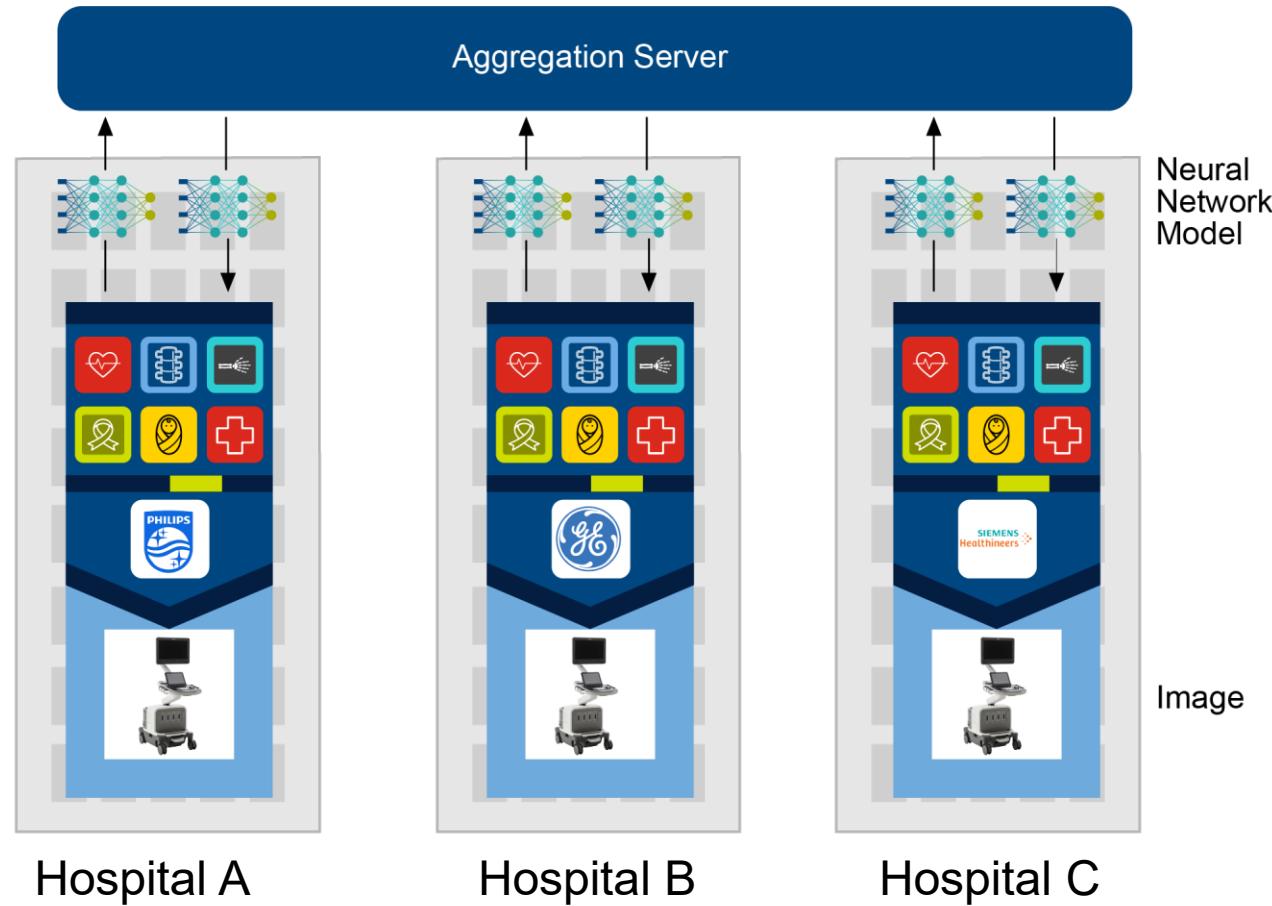


GDPR

# Come fa lo smartphone a riconoscere la voce del proprietario?

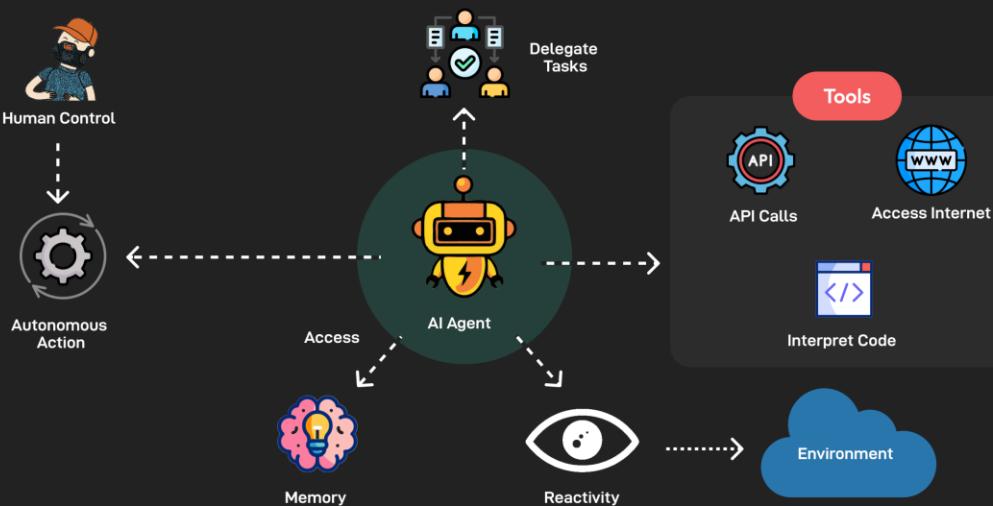


# Possiamo fare lo stesso con i dati di salute?

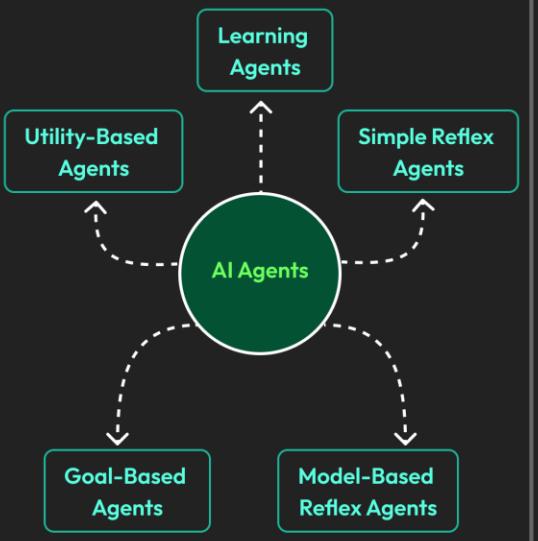


# What is an AI Agent?

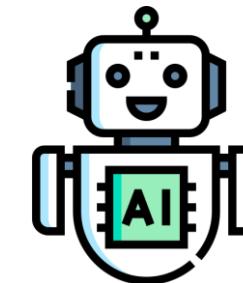
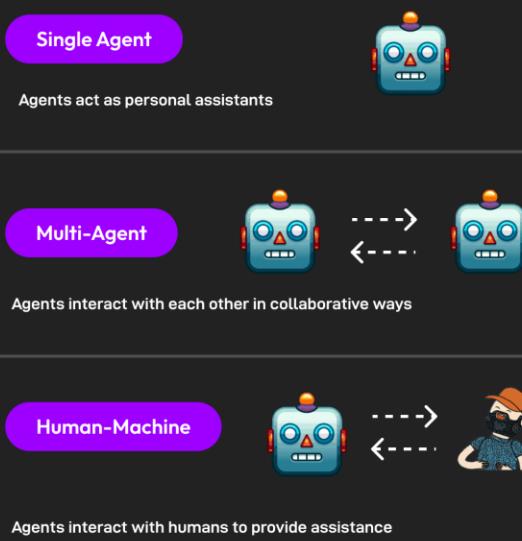
## How AI Agents Work?



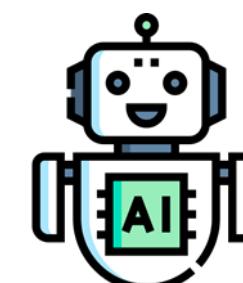
## Types of AI Agents



## AI Agent System Architecture



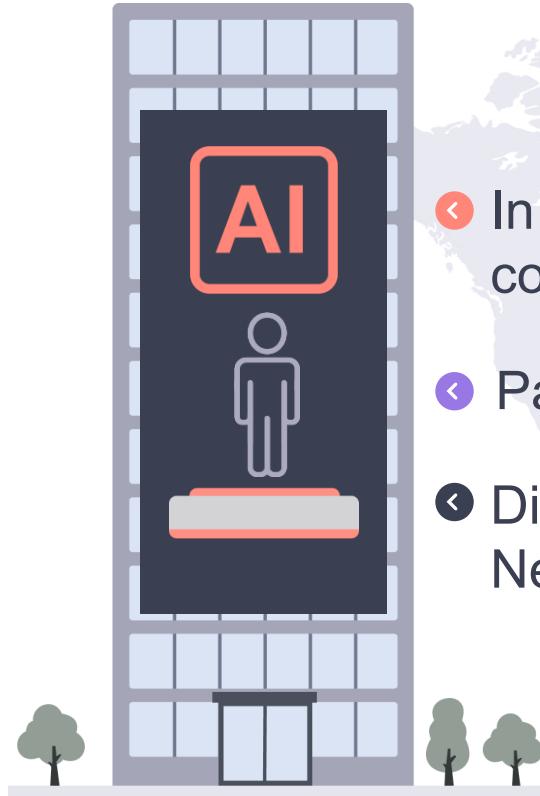
Protocollo



Eleggibilità  
in tempo reale

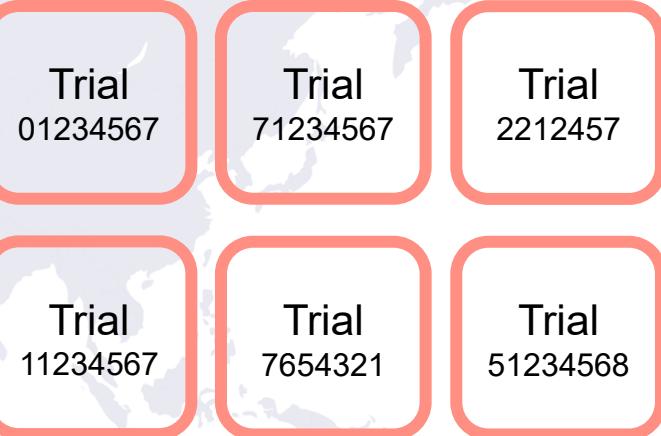
Paziente

# Agenti AI che cercano pazienti per RCT nel rispetto della privacy



- In tempo reale, senza condividere dati individuali
- Patient Digital Twin
- Distributed Compute, Storage Networking e Data Services

## Studi clinici



Manuale

*My 10yo daughter was diagnosed with a very rare aggressive cancer. . .*

*I'm trying to understand non-surgical chemo and targeted therapy options*

*...People can contact me directly*



TODAY NEW

**Aviral Chandra** • 10:16 pm

Can we do a drug trial matching for this? Felt really sad reading the post, especially because there's so much life in front of her if she can make it!

**Sri Kosuri** • 2nd  
Co-Founder and CEO at Octant

It's been a tough few weeks. My 10yo daughter was diagnosed with a very rare, aggressive cancer called interdigitating dendritic cell sarcoma (IDCS). I'm reaching out to identify clinicians/patients who have encountered pediatric IDCS, indeterminate dendritic cell histiocytosis or other (non-LCH) histiocytic sarcomas cases.

I'm trying to understand non-surgical chemo and targeted therapy options, new pathology markers to better diagnose subtypes/treatments, and any data on progression in pediatric patients. Please feel free to share – I'm trying to cast a wide net due to the rarity of this condition and how little is known.

People can contact me directly at my first name (as written in my profile) at octant.bio



Smiley face icon





## PEDIATRIC MOONSHOT

Reduce healthcare inequity, lower cost and improve outcomes  
for children rurally, nationally and globally

by creating privacy-preserving, real-time AI applications

based on access to data from 1,000,000 healthcare machines  
in all 500 children's hospitals in the world