### **HFS**

### **HFS WINTER SUMMIT**

# THE GREAT ENTERPRISE REGENERATION

Embrace tech to address the clinical shortage while improving health outcomes

#### Rohan Kulkarni

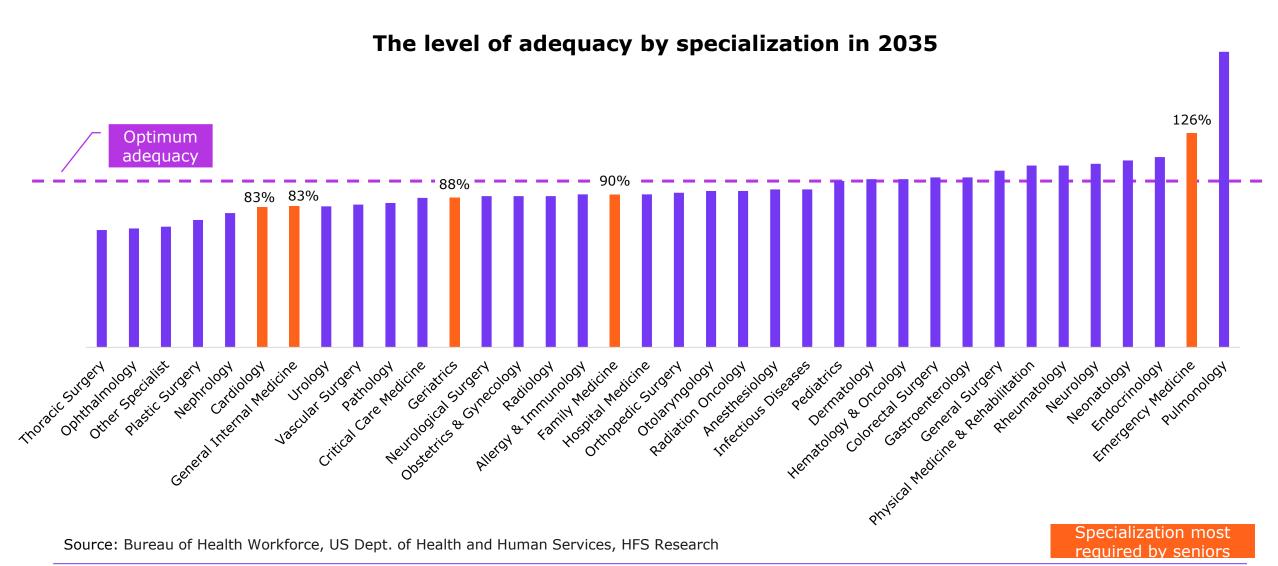
Executive Research Leader, HFS Research

### **Poll question #1**

### Do you think we will have enough doctors in the right specialties in 10 years to render appropriate care?

- Yes, plenty
- Maybe, adequate
- Nope, not enough
- Never mind, we are @#\$%&

## We are 55K short of docs today, will be 79K short by the end of the decade and 81 THOUSAND of the required by 2035

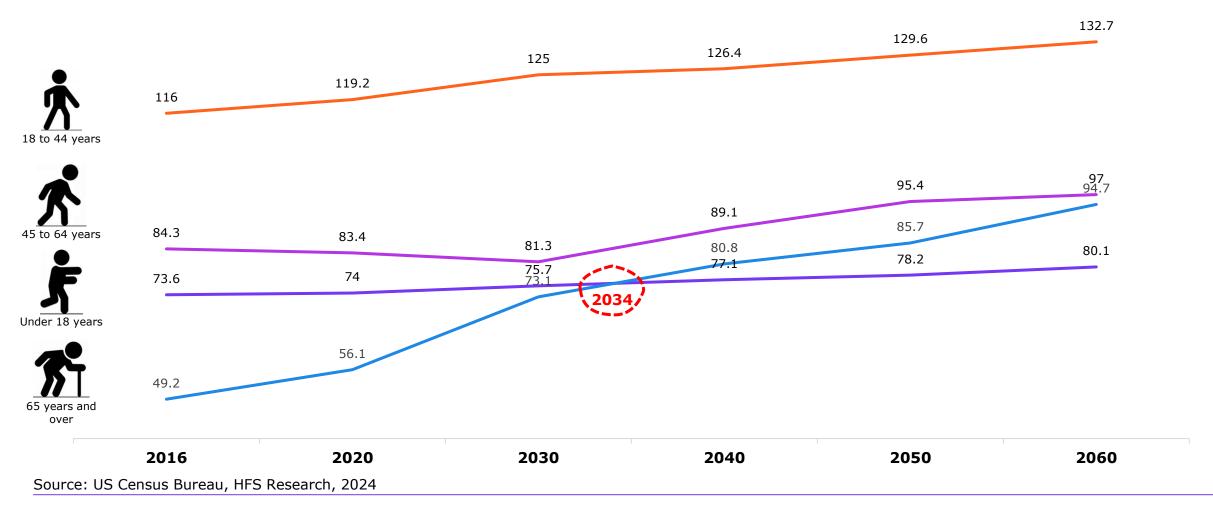




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### For the first time in the US, the senior population will be greater than the younger population in 2034

#### **US Population (millions) 2016 – 2060 by age groups**



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### Six in 10 Americans have at least one chronic disease, and 4 in 10 have two or more chronic diseases

#### Prevalence of chronic conditions in the US

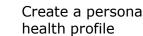
42.10%	43.00%	43.90%	42.80%	41.70%	42.65%	43.60%	44.50%	45.40%	45.40%	45.40%	47.7%	47.7%	47.7%
35.70%	34.9%	34.9%	37.7%	37.7%	39.6%	39.6%	42.2%	42.2%	41.9%	41.9%	40.3%	40.3%	40.3%
8.7%	9.5%	9.7%	9.6%	10.0%	9.9%	10.5%	10.5%	10.9%	10.8%	11.3%	11.6%	11.5%	11.6%
2010	2011	2012	2013	2014	2015 —Obesity	2016 ——Diab	2017 etes — F	2018 Hypertension	2019	2020	2021	2022	2023

Source: Centers for Disease Control and Prevention (CDC), HFS Research

### The demand-based care delivery must be augmented at scale with the need-based care delivery for us to survive the future

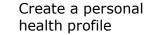


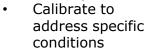


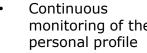


- Calibrate to address specific conditions
- monitoring of the personal profile









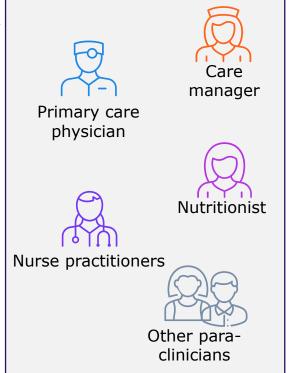




- Manage to benchmark threshold
- Intervene as needed by the right resource



- Access to both structured and unstructured data
- Alerts only when outside of personal thresholds







Health consumers over

time







EMR

Multi-modal interactions







Care team





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### Thank you.





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