## Biggest Players in Artificial Intelligence | Healthcare Specific

## Large technology firms and EHRs are continuing to invest in AI and Gen AI capabilities

- Deepening partnership with **Microsoft** (Nuance)
- Generative AI use cases in **pilot/development**:
  - Al-drafted responses to in-basket messages
  - Ambient clinical notes powered by Nuance



- AI-powered chatbot to explain medical bills
- Note summaries for clinicians and researchers
- o AI-suggestions for coding & billing
- Rare disease research to identify patients
- o AI-augmented Slicer Dicer allowing users to describe what they want to understand
- Contracted with the FDA to develop AI tools to extract information from EHRs & improve understanding of the effects of medicines on large populations



o Over the next 2 years, Cerner & John Snow Labs will support the FDA's Sentinel Initiative by using AI technology to explore possible mental health side effects from the use of the asthma drug, montelukast



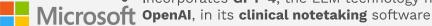
AWS tool announced the launch of HealthScribe, allowing providers to build clinical applications that use speech recognition and generative AI to create transcripts of patient visits, identify key details and create summaries that can be entered into the EMR



- Built Med-PaLM 2, an AI tool designed to answer questions about medical information
- Announced a partnership with Mayo Clinic in June to explore generative AI's applications in the hospital
- Partnered with **HCA Healthcare**, using generative AI to support doctors and nurses to reduce the burden of administrative tasks



- In 2022, acquired Nuance, a leader in conversational AI and ambient intelligence
- Incorporates **GPT-4**, the LLM technology from



- Announced the integration of Nuance's DAX Express into Epic's medical record June 2023
- Integrating Azure OpenAl Service into Epic