Healthcare AI Timeline

**First AI winter 1974 - 1980**
- 1972 Stanford MYCIN development begins
- MYCIN: AI to identify bacteria causing severe infections and recommend antibiotics
- 1973 Development of SUMEX-AIM
- SUMEX-AIM: a nationally shared computing resource devoted to designing AI applications for biomedical science

**1979**
- American Association for Artificial Intelligence established, with subgroup on medical applications

**Second AI winter 1987 - 1994**
- 1986 Release of DXplain, a diagnosis decision support system
- 1972 Stanford MYCIN development begins
- MYCIN: AI to identify bacteria causing severe infections and recommend antibiotics
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**1986**
- Release of DXplain, a diagnosis decision support system

**1987 - 1994**
- Second AI winter

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**2013**
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**2016**
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**2017**
- First FDA-approved cloud-based deep learning application for the clinic

**2018**
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**2019**
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**2020**
- Development of SUMEX-AIM
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**2021**
- First FDA-approved AI diagnostic support tool for cancer

**2022**
- Introduction of TREWS
- TREWS: Targeted Real-time Early Warning System for sepsis detection

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