

Artificial Intelligence in Health Sector

Artificial Intelligence is making progress in Health Sector in a very fast pace especially in fields like automatically retrieving data, managing Health and Medical resources and more so the best use of Artificial Intelligence is to do things that Human Providers- *even excellent ones*- can not yet do.

Directorate of Health Services Jammu has adopted few of the innovative technologies which are Artificial Intelligence based like **Qure.ai, Alveofit and Tricog** in collaboration with India-Sweden Healthcare Innovation Centre. In this regard a workshop was conducted at Directorate of Health Services Jammu on 25-11-2022, Wherein senior officers of Directorate, Chief Medical Officers, Medical Superintendents and Physicians of Jammu Division attended the Workshop.

Qure.ai taps deep learning technology to provide automated interpretation of X-rays initially, which shall be upgraded to CTs and Ultrasound Scans for time and resource strapped medical imaging professionals enabling faster diagnosis and speedy treatment for at least 30 lung disorders.

Alveofit with the help of inbuilt Intelligent Machine learning system aims to embed latest technological advancements in diagnosing and managing lung disorders and reducing respiratory ailments. The device helps to track lung function and manages respiratory conditions efficiently.

Tricog provides virtual cardiac diagnostic tools that help doctors with timely and accurate ECG diagnosis to detect heart ailments.

Pilot project started at

Qure.ai Govt. Hospital Gandhi Nagar Jammu, DTC Jammu, DH Kishtwar, DH Poonch and DH Reasi

Alveofit..... Govt. Hospital Gandhi Nagar Jammu, DH Kishtwar, DH Poonch, DH Reasi, EH Banihal

Tricog..... Govt. Hospital Gandhi Nagar Jammu, DH Samba, SDH Bishnah, EH Vijaypur



qXR-Qure.ai Software



Alveofit Device



Tricog (ECG)

qXR-Qure.ai

Name of Institution	Date of Installation	Work done till 20-03-2023
Govt. Hospital Gandhi Nagar Jammu	27-12-2022	4582
DTC Jammu	27-12-2022	141
DH Reasi	28-12-2022	1425
DH Poonch	21-01-2023	350
DH Kishtwar	20-01-2023	155

Alveofit

Name of Institution	Date of Installation	Work done till 20-03-2023
Govt. Hospital Gandhi Nagar Jammu	28-02-2023	11
DH Reasi	10-03-2023	15
DH Poonch	25-02-2023	43
DH Kishtwar	27-02-2023	48
EH Banihal	21-03-2023	15

Tricog (ECG)

Name of Institution	Date of Installation	Work done till 20-03-2023
Govt. Hospital Gandhi Nagar Jammu	25-01-2023	419
DH Samba	24-01-2023	420
SDH Bishnah	25-01-2023	200
EH Vijaypur	25-01-2023	99