Proton Centers in China

As of December 25, 2024, the WeChat public platform **"Proton China"** has summarized the progress of proton radiotherapy projects in China based on <u>publicly available online</u> <u>information</u>.

According to incomplete statistics, there are **49 proton therapy projects** in mainland China, including those **in operation, under construction, and proposed**. A total of **35 medical institutions** have been licensed to configure proton therapy systems, distributed in the cities or area as follows:

- North China (6 centers): Beijing, Langfang, Zhuozhou, Tianjin, Hohhot, Taiyuan
- Northeast China (4 centers): Harbin, Shenyang (2), Changchun
- East China (9 centers): Shanghai (2), Jinan, Zibo, Hefei, Suzhou, Hangzhou, Nanjing, Nanchang
- Central & South China (10 centers): Wuhan (2), Zhengzhou (2), Guangzhou (2), Shenzhen (2), Changsha, Nanning, Haikou
- Southwest China (4 centers): Chengdu (2), Chongqing (2)
- Northwest China (2 centers): Xi'an, Lanzhou

Additionally, Hong Kong, Macau, and Taiwan have 5 operational proton centers:

- Taiwan (4 centers): Linkou Chang Gung, Kaohsiung Chang Gung, Taipei Cancer Center (Taipei Medical University), and the Hospital Affiliated with China Medical University
- Hong Kong (1 center): Sanatorium & Hospital East Center

Three centers are currently under construction in Hong Kong, Macau and Taiwan:

• Cancer Medical Center, National Taiwan University

Hospital

- Taichung Veterans General Hospital
- Changhua Christian Hospital

The following table provides details of the **49 proton projects in mainland China**, categorized by their current status: **in operation**, **under construction**, **and proposed**.



The distribution of the proton centers in China, by each province and area, on December 2024.

Authors:

Dr. FAN Yunyi, Dr. XING Ligang, Dr. ZHU Jian

Shandong Cancer Hospital and Institute, Jinan, P.R.China, 250117

Corresponding author: Dr. ZHU Jian, zhujian@sdfmu.edu.cn

Data Source: WeChat Public "Proton China"