

第9章 / CHAPTER 9

医学部附属病院

UNIVERSITY HOSPITAL

医学部附属病院は、1874年に千葉町、寒川村、登戸村の有志の醸金によって設立された共立病院にその端を発する。以来、診療、教育、研究の場として高度な医療の実践と研究開発、優れた医療人の育成等に取り組みながら100年を超える歴史を歩み、2024年に創立150周年を迎える。1978年3月の新病院開院後、大規模な増改築は行われなかったが、2004年4月に国立大学法人へ移行後、日進月歩で進化する高度な医療への対応、より快適で満足度の高い患者サービスの提供を実現するために、数多くの施設整備が行われた。

現病院は、病棟(にし、みなみ、ひがし)、外来診療棟、中央診療棟で構成され、35の診療科がある。今後2026年度までに臨床栄養棟の新設、にし棟改修等が予定されており、これをもって20年来の病院再整備計画が完成する。

世界的なパンデミックを引き起こした新型コロナウイルス感染症(COVID-19)に対し、当院は最大2病棟60床をコロナ患者専用病床として確保し、中等症、重症患者を中心に1日最大48名、延べ1,000人を超える患者を受け入れた。一時は手術や外来、入院を制限せざるを得なくなったが、「コロナ診療と高度医療の両立」を方針に掲げ、「地域医療の最後の砦」として、幾度も感染拡大の波を乗り越えた。



ヘリポートに搬送されてきたコロナ患者
COVID patients being transported to the helipad



医学部附属病院外観
University Hospital exterior

Chiba University Hospital traces its origins to Kyo-ritsu Hospital, which was established in 1874 with donations from supporters in Chiba Town and two neighboring villages. Since then the hospital has been committed to providing superb medical service, educating excellent medical professionals and conducting state-of-the-art medical research. It will mark the 150th anniversary of its foundation in 2024.

No major extension or renovation projects were carried out for decades after the new hospital opened in March 1978. However, in April 2004, when Chiba University changed its legal status to a national university corporation, the hospital began introducing many new facilities and renovating old ones in line with rapid advances in the medical field. The aim is to provide more comfortable and satisfactory service to patients.

Currently, the hospital comprises three ward wings (West, South, and East), the Center for Outpatient Health, and the Center for Treatment and Care, totaling 35 clinical departments. To further modernize its facilities, the hospital plans to establish a new Clinical Nutrition department building and extend and renovate the West Wing by fiscal 2026. This significant undertaking will mark the completion of a 20-year extension / renovation project.

To deal with the COVID-19 pandemic, the hospital secured up to 60 beds in two wards, allowing for the accommodation of more than 1,000 patients with moderate and severe symptoms, or up to 48 in a



外来診療棟 ホスピタルストリート
Center for Outpatient Health, hospital street

一方で、コロナワクチンの接種が始まると、院内にコロナワクチンセンターを設置し、職員等への接種およびワクチンの有効性等を調べる研究に取り組んだ。抗体価の上昇を確認した研究成果は報道を通じて広く社会に発信され、ワクチン接種の促進等感染予防の啓発に貢献した。また、企業との共同研究部門を設置し、鼻に噴霧する経鼻型ワクチンで病原体の侵入そのものを防ぐ「粘膜ワクチン」の研究開発や人材育成に取り組んでいる。

コロナ禍にあっても高度医療の歩みは止めず、2021年以降、救命救急センターの新設やハイブリッド手術室を含む手術室の拡充、高精度のがん放射線治療システム「MRリニアック」を日本初導入するなど、時代の要請に合わせて治療の可能性を広げている。



中央診療棟 MRリニアック
Center for Treatment and Care, MR linac

single day. Consequently, it temporarily imposed restrictions on operations, outpatient examinations, and inpatient admissions. Nonetheless, under the slogan of “providing advanced medical care even while treating COVID patients”, the hospital played a role as “the last resort in regional medical care” during successive waves of infections.

When COVID-19 vaccines became available, the hospital established the COVID-19 Vaccine Center, focusing on vaccinating hospital staffers first. The hospital then conducted research on the effectiveness of vaccination among its staffers, and disseminated the results, which confirmed increases in the antibody titer among the vaccinated, via the media. This helped inform the public about infection prevention measures, including the importance of vaccination. The hospital also established a joint research department with a company to develop mucosal vaccine and foster human resources. This innovative vaccine prevents the invasion of pathogens by administering the vaccine through a nasal spray.

Despite the challenges posed by the pandemic, the hospital remained committed to pursuing advanced medical care. Since 2021, it has been expanding its treatment possibilities to meet the demands of the times by establishing a new emergency and critical care center, expanding operating rooms including a hybrid operating room, and introducing a high-precision cancer radiation therapy system for the first time in Japan.