# 山梨大学医学部附属病院再整備事業

University of Yamanashi Hospital Redevelopment Projects

山梨大学医学部附属病院では、最新の医療に対応する施設整備や県内唯一の特定機能病院 として急性期医療の充実・先進医療への取り組みを加速させるため、病院再整備事業に着手 し、すべての患者さんに「安心」を送り届ける山梨の医療の中核となり、病に苦しむ人の い社会が実現することを目指します。

# 病院再整備の基本理念 大学病院を中核とした山梨県の 医療連携の推進



# 新病棟(I期棟)

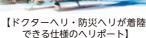
### 【新病棟 I 期棟運用開始】

平成27年6月末に竣工した新病棟(I期棟)は半年間の準備期間を経 て同年12月6日に開院記念式典を挙行し、同月26日に病床368床に併 せ、手術部・救急部等を既存病棟から移転して運用を開始しました。

### 【新病棟 (I期棟)建物構造 (概要)】

- 建物面積 4,075.57㎡
- 延床面積 20,916.40㎡
- 鉄筋コンクリート造 (免震構造) 地上7階建(屋上ヘリポート整備)
- 病床数 368床 (病院全体:618床)







【新病棟 [ 期棟外観】

# 手術部門の拡充、教育研修環境の整備

### ■ 手術室の増設・拡張

手術室を2室増室し、また手術室1室あたりの面積を拡張しま した。MRI手術室(国内初の3テスラ可動式タイプ)、ハイブ リット手術室、内視鏡下手術用の医療用ロボット (ダヴィンチ) 用の手術室を整備し、本院に期待されている最先端かつ高度な医 療を提供できる環境を整えました。





【ハイブリッド手術室】

【MRI手術室】

### ■ 教育研修にも配慮した病棟設計

カンファレンスルームの整備や、臨床実習に対応したベッドサ イドスペースの確保など、高度医療人養成実線のための整備を行 いました。





【カンファレンスルームの整備や病床面積を拡張し、教育研修環境を整備】

# 新病棟(Ⅱ期棟)

### ■ 新病棟(Ⅱ期棟)竣工

令和2年6月に新病棟(Ⅱ期棟)が竣工し、令和2年10月に開院 いたしました。

Ⅱ期棟の特色として、1階に新たな機能として入退院支援セン ター、各階に動線を分けた陰圧室、2階にRI病室、4階に院内学 級やプレイルーム、7階に看護機能を備えた無菌エリア、4床室 程度の大きさの特別差額室を

整備しました。

### 【建物構造(概要)】

- 建物面積 2,138.85㎡
- 延床面積 13,548.62㎡
- 鉄骨浩 (免震構造) 地上7階建
- 病床数 250床 (病院全体:618床)



【新病棟Ⅱ期棟外観】

### ■ 患者満足度調査を反映した病棟整備

本院が長年実施している入院患者満足度調査の集計結果を基に、デイルー ム内の有効スペースの拡充、トイレや水周りの設備の使いやすさ、個室の充 実など、患者ニーズに応えられる病院整備を実施しました。





【デイルーム】

【特別差額室】

## 中央診療棟・特殊診療棟の整備

### ■ 中央診療棟・特殊診療棟改修工事完了

令和4年10月に中央診療棟・特殊診療棟改修工事が完了しま した。

RI検査室・中央エレベーターの先行工事に始まり、検査部、輸 血細胞治療部、血液浄化療法部、光学医療診療部、リハビリテー ション部、産婦人科外来などを拡張整備しました。

各部門の診療スペースの拡充や待合スペースの整備などより 良い診療環境の提供を目指します。





【中央採血室】

【人工透析室】

### ■ リハビリテーション部の拡張整備

令和4年7月にリハビリテーション部が中央診療棟に移転、運

主に、理学療法室、心臓リハビリ機能訓練室、作業療法室の3つ のエリアに分かれており、充実した設備と広いスペースを設け安 全な環境の診療を提供します。



【理学療法室】





【作業療法室】

# 産婦人科外来、牛殖医療センターの整備

### ■ 診察室や待合室などの拡充

令和4年11月に産婦人科外来、令和5年2月に生殖医療セン ターが特殊診療棟に移転、診療開始し

広い診察室や個室の相談室、仕切ら

れた待合室と なり、患者さ んのプライバ シーを守り、安 心して診察で きる環境を整 えました。

ました。



【待合室】



【診察室】

## 診療支援棟

### ■ 診療支援棟の竣工

令和5年2月に新たに診療支援棟が竣工しました。

外来診療棟や中央診療棟に配置していた既存の管理部門を診療支 援棟に集約しました。

中でも診療支援部門である薬剤部及び臨床工学部を充足させ、動 線の改善とともに診療支援機能の強化を図ります。医療の質・安全管 理部、感染制御部といった管理部門も、病棟に近い位置に配置するこ とにより、安全な医療の提供に繋げます。

### 【診療支援棟 建物構造(概要)】

- 建物面積1.469.00㎡
- 延床面積7.951.63m
- 鉄骨造 (免震構造) ₩ ト7階建 鉄骨浩 (耐震構造) 地上4階建



【診療支援棟 外観】

# 今後の病院再整備

### ■ 病院機能の更なる充実を目指し、再整備計画を進めます

病院再整備事業は、令和5年2月にⅢ期棟である診療支援棟が 竣工し、今後は外来機能強化棟の新築を予定しております。

機能訓練室】

30年先の長期展望を踏まえ、病院経営を滞りなく行えるイン フラを構築していきます。



【再整備計画における配置計画図】 (背面は既存施設)

### ■ 再整備事業計画



# University of Yamanashi Hospital Redevelopment Projects

At the University of Yamanashi Hospital, hospital redevelopment projects have been launched in order to improve facilities for the latest medical care and to account the enhancement of the contract of the c the enhancement of acute care and advanced medical care as the only advanced treatment

Our aim is to become the core of medical care in Yamanashi Prefecture, which delivers "safety" to all patients, and to realize a society free of people suffering from illness.

### Basic philosophy of hospital redevelopment

Promotion of medical cooperation in Yamanashi prefecture centered on the university hospital



ution in Yamanas

### Strengthening of surgery departments (providing high-performance surgery)

considers the working

environment of staff

### ■ Expansion of the number of operating rooms and floor space

We have increased the number of operating rooms by two, and have expanded the area per operating room. At the same time, the MRI Operating Room (the first 3 tesla movable type in Japan), the Hybrid Operating Room, and the operating room using the medical robot (da Vinci) for Endoscopic Surgery, were prepared and anticipated by our hospital. We have created an environment where we can provide cutting-edge and advanced medical care.





[Hybrid operating room]

[MRI operating room]

### ■ Ward design considering education and training

We are creating conference rooms and securing bedside space for clinical training in order to nurture advanced medical personnel.





Development of an education and training environment by creating conference rooms and expanding bedside space]

### The First Stage Bldg.

### [Starting operation of the First Stage Bldg.]

The New Ward (first stage), which was completed at the end of June 2015, had a half-year preparation period, and the opening ceremony was held on December 6th of the same year. On December 26th the number of beds on the ward was increased to 368. Departments have been moved from the existing ward and operations have begun.

### [Structure outline the First Stage Bldg.]

- Building area: 4.075.57m²
- Total floor space: 20,916.40m
- Structure : Reinforced concrete construction (seismic isolation structure)
  - 7 levels above ground (with rooftop heliport)
- Number of bed : 368 beds (total: 618 beds)





landed by a disaster prevention helicopter and Doctor Helicopter



[Completed First Stage Bldg.]

### The Second Stage Bldg.

### ■ Completion of the Second Stage Bldg.

Construction of the New Ward (second stage) has been completed, and the ward opened in October 2020

The special features of the Second Stage Bldg. are, an Admission and Discharge Support Center, a negative pressure room with separate flow lines on each floor, RI patient rooms on the second floor, a hospital school and play room on the fourth floor, and on the seventh floor we plan to maintain a sterile room with nursing functions and a special room capable of holding 4 beds.

### [Structure outline the Second Stage Bldg.]

- Building area: 2,138.85㎡
- Total floor space: 13,548.62m ■ Structure : Steel Construction
- (seismic isolation structure) 7 levels above ground
- Number of beds : 250 beds (total: 618 beds)



[Completed Second Stage Bldg.]

### ■ Ward development that reflects patient's satisfaction surveys

Based on the results of an inpatient satisfaction survey conducted by our hospital for many years, the hospital can meet the needs of patients by expanding the effective space in the day rooms, making use of facilities around the toilets and wash areas, and improving the private rooms. We are responsible for carrying out all maintenance.





[day room]

[private room]

### Central Clinical Service Bldg./Special Clinical Care Bldg.

### ■ Completion of Renovation Works for the Central Clinical Service Bldg./ the Special Clinical Care Bldg.

The renovation work of the Central Clinical Service Bldg, and the Special Medical Care Bldg. has been completed in October 2022. Starting with the construction of the RI examination rooms and central elevator, we expanded the Department of Clinical Laboratory, the Division of Transfusion Medicine and Cell Therapy, the Blood Purification Center, the Department of Endoscopy, the Division of Rehabilitation, Obstetrics and Gynecology outpatient examination rooms, etc. one after another.

For each department, we aim to provide a better medical care environment by expanding the medical treatment space and preparing the waiting space.



[Blood Sampling Room]

[Endoscopy Room]

### ■ Expansion and renovation of the Division of Rehabilitation.

In July 2022, the Division of Rehabilitation relocated to the Central Clinical Service Bldg. and started operation.

It is primarily divided into three areas: a physical therapy room, a cardiac rehabilitation functional training room, and a occupational therapy room, providing a safe environment for medical care with full equipment and large spaces.



[Physical Therapy Room]



[Cardiac Rehabilitation **Function Training** 



(Occupational Therapy Room]

### Obstetrics and Gynecology outpatient examination rooms /Center for Reproductive Medicine and Infertility

### ■ Expansion of examination rooms, waiting rooms, etc.

In November 2022, the Obstetrics and Gynecology outpatient examination rooms were relocated to the Special Clinical Care Bldg, and in February 2023, the Center for Reproductive Medicine and Infertility also moved to the same location, commencing its operation.

Furthermore, spacious examination rooms, private consultation rooms, and partitioned waiting areas have been

provide a safe and comfortable environment.



[Waiting Room]

### The Clinical Support Bldg.

### ■ Completion of the Clinical Support Bldg.

The construction of a new ward (third stage) has been completed in February 2023. The administration department located in the Outpatient Bldg. and the Central Clinical Service Bldg. has been consolidated in the Clinical Support Bldg.

In particular, we will improve the patient flow line and strengthen the medical support function by expanding the Department of Pharmacy and the Department of Clinical Engineering, which are the medical care support facilities. The Department of Quality and Patient Safety and the Division of Infection Control and Prevention has been relocated closer to the wards to provide safe medical care to patients

### [Structure outline the Clinical Support Bldg.]

- Building area:
- 1 469 00m ■ Total floor space:
- 7.951.63m
- Structure: Steel Construction (seismic isolation structure)
- 7 levels above ground (seismic structure) 4 levels above ground



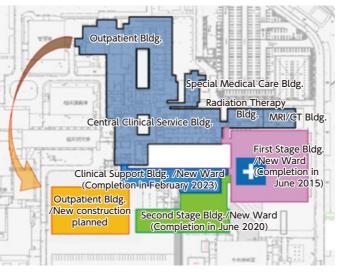
[ Completed Clinical Support Bldg.]

### **Future Hospital Redevelopment Projects**

### ■ Promote the Redevelopment Projects Plan with the aim of further enhancing hospital functions

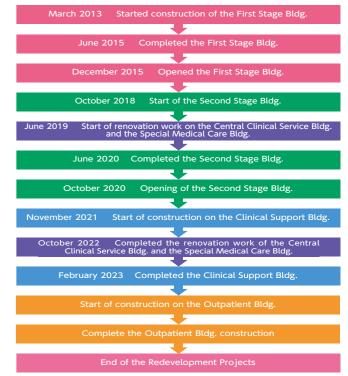
In the Redevelopment Projects Plan, the construction of the Clinical Support Bldg (Phase III) has been completed in February 2023, and the reconstruction of the Outpatient Bldg. is planned for the future.

We will build an infrastructure that will enable hospital management to run smoothly, for the next 30 years.



[Diagram of the Redevelopment Projects Plan] (Underlay shows the existing facilities)

### ■ Redevelopment Projects Plan



UNIVERSITY OF YAMANASHI HOSPITAL OUTLINE 2023 61