



Practical Experience of the Internet Hospital of the First Affiliated Hospital of Anhui Medical University

The First Affiliated Hospital of Anhui Medical University

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I. Basic information

The novel coronavirus pneumonia (COVID-19) has had a huge impact on social economy and people's health, and all walks of life have contributed to this epidemic prevention and control. In the fight against the epidemic, medical treatment is the most important. From the discovery and prediction of the epidemic, information sharing, diagnosis and treatment, equipment, drugs, epidemic prevention, and medical services, the cooperation of medical treatment and technology has played an important role.

In order to avoid cross infection, in response to the call of the relevant national policies, "stay at home" has become the most important link in the epidemic prevention work, which has a direct impact on medical institutions. On the one hand, medical institutions should actively cooperate with national, provincial, and municipal policies and actively participate in the prevention and control of epidemics. However, how to obtain the latest knowledge of epidemic prevention and control while the people are "at home", and to make self-judgment and self-protection are issues that health management and medical institutions need to consider. On the other hand, it is necessary to train medical staff on epidemic prevention and control knowledge, which will bring new problems to the epidemic prevention and control work.

In addition, from January 30, 2020, in accordance with the requirements of first-level response to public health emergencies, medical institutions have issued notices to suspend appointment registration, routine admission treatment and other services, except for emergency patients, which guarantees the outbreak Prevention and control have brought positive results, but at the same time, patients with common diseases, chronic diseases, and medical needs have a dilemma and cannot access conventional medical services, which seriously reduces the quality of medical services and quality of life of these patients.

During the critical period of epidemic prevention and control, the General Office of the National Health Commission has successively issued the "Notice on Strengthening Informatization to Support the Prevention and Control of Pneumonia Epidemic Infections with New Coronavirus Infections" , The "Notice of Service Work" and other documents. These documents have important guidance for better use of informatization in epidemic prevention and control.

II. Content of Project Construction

The Internet Hospital of the First Affiliated Hospital of Anhui Medical University has taken the lead in completing the construction and putting into use in Anhui province, it expanding the space and content of medical services, building an integrated online and offline medical service model and providing convenient online medical services. The specific construction contents are as follows:

1. Providing Internet Medical Services for Patients

In line with Law of the People's Republic of China on practicing physicians, Regulations on the Administration of Medical Institutions and other laws and regulations, and the Measures for the Administration of Internet Hospitals (Trial Implementation) issued by the National Health Commission of People's Republic of China, Measures for the Administration of Internet Diagnosis and Treatment (Trial Implementation). According to the unified planning requirements of Health Commission of Anhui Province, combined with the actual situation of the hospital, using information technology such as the Internet to build Internet hospitals (Internet Hospital of the First Affiliated Hospital of Anhui Medical University). The Internet hospital can provide safe and appropriate medical services for some patients with common and chronic diseases. Through the self-built official website, official APP and Wechat Enterprise Account to provide outpatient services, including convenient graphic consultation, online clinic, prescription circulation, inspection appointment and follow-up.

2. Providing "Internet +" Intelligent Medical and Popular Science Education Services

The Internet Hospital of the First Affiliated Hospital of Anhui Medical University has built a standard health education studio and cloud platform, which provides various functions such as telemedicine courses, academic exchanges, popular science video recording, online meetings and training. It promotes the extension of high-quality medical resources, provide accurate health science knowledge education for patients. What's more, it also improves residents' self-health management ability and health literacy.

3. Providing collaborative diagnosis and treatment services for grass-roots units

The Internet Hospital of the First Affiliated Hospital of Anhui Medical University uses Internet and telemedicine technologies to build a telemedicine collaborative diagnosis and treatment center, which carries out multi-party remote video communication, appointment for diagnosis and treatment, two-way referral, telemedicine and other services. Through the organic integration of "politics-study-medicine-research", it has promoted the change of the telemedicine consultation model and established as the provincial center. Up to now, it has covered more than 80 grass-roots medical institutions and provide high-quality medical services for patients.

III. Research Program and Technical Route of Project Construction

1. Research plan for project construction

Under the guidance of relevant laws, regulations and policies, comparing the construction modes of Internet hospitals worldwide, and combines the development of medical and health undertakings with the specific situation of patients' needs for diagnosis and treatment, so as to build an Internet medical service mode in line with the current medical system reform. On the basis of full investigation, the overall business framework for the development of Internet hospitals in our hospital has been formulated, as shown in the following figure:

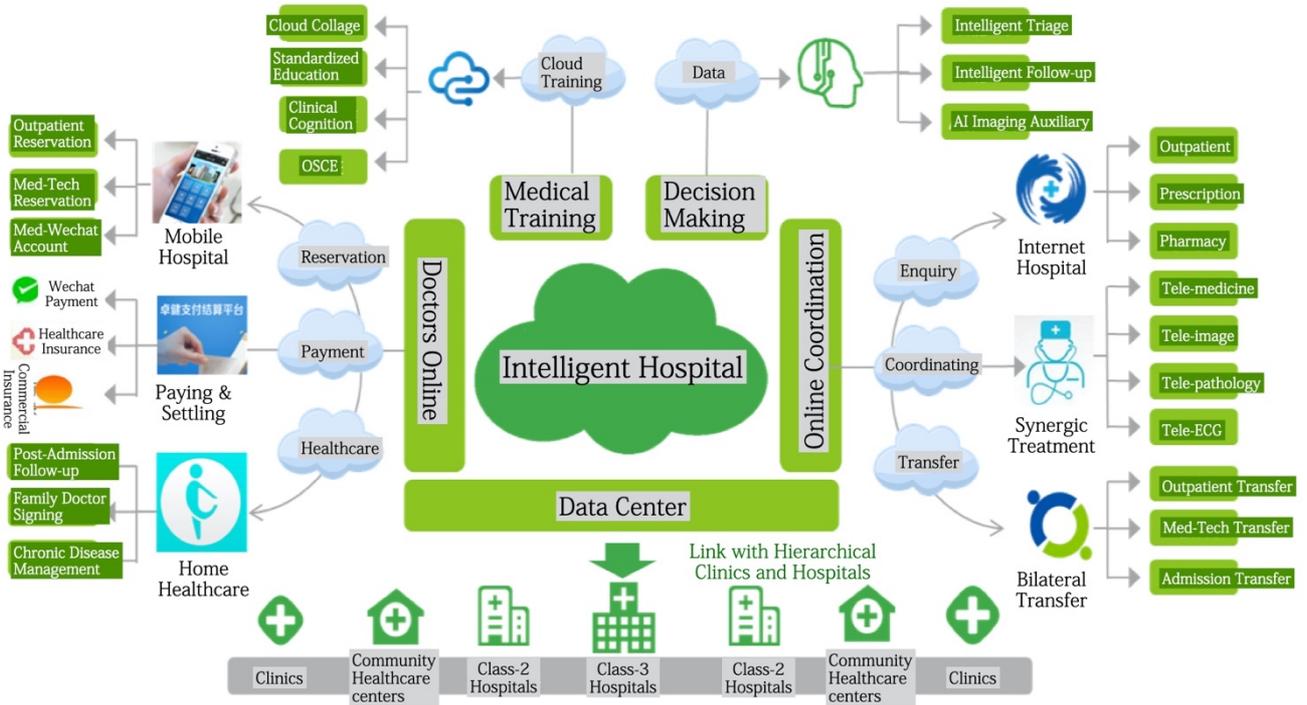


Figure 1: The architecture of Internet hospital construction

The specific construction of the project starts from the following aspects:

1.1 Based on policy guidance, relying on the construction of physical medical institutions.

The construction of Internet hospital is based on the relevant guidance formulated by the government agencies and supported by the high-quality medical resources of the First Affiliated Hospital of Anhui Medical University, which eventually expands the space and scope of medical services and improves the medical experience and satisfaction of patients.

1.2 Fully investigate the Internet hospital construction model in the world.

Compared with other countries, the application of Internet technology in the medical industry is relatively late, but China has its own characteristics in the application of Internet medical innovation.

In the guidance and practice of various policies, the medical and health system has made full use of Internet technology to extend the space of medical services. Therefore, the construction of the project is based on the full investigation of the construction of Internet hospitals in the world, combined with the actual situation in Anhui Province, and innovative construction of Internet hospital projects.

1.3 The construction of Internet hospitals makes full use of the latest technology to improve the content and service scope. Apply the latest Internet technology, 5G technology and blockchain technology to the project construction and the actual medical and health system, and gradually provide patients with comprehensive Internet medical services, "Internet +", intelligent healthcare, science services, and grassroots collaborative diagnosis and treatment services.

2. Technical Route of Project Construction

On the basis of the research plan of the Internet Hospital Project of the First Affiliated Hospital of Anhui Medical University, the technical route of the project construction has been formulated, as shown in the following figure:

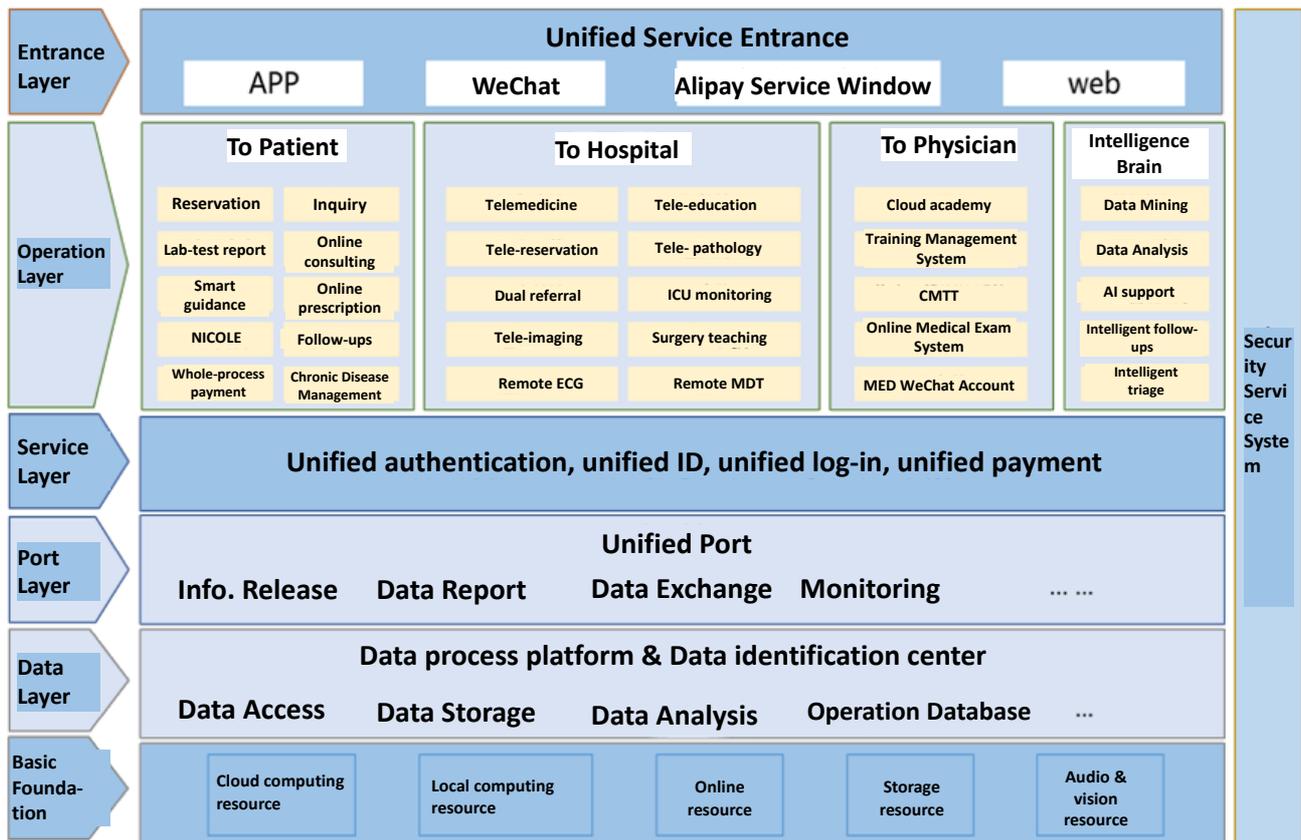


Figure 2: Technology roadmap of Internet hospital construction

The construction route of the project revolves around several aspects, which are as follows:

2.1 Formulating the main business process that conforms to the regulations and is convenient for patients



There are three main modes of Internet hospital construction, the first is the Internet hospital platform built by commercial companies, by attracting doctors from various medical institutions to practice on this platform; the second is to cooperate with third-party organizations to establish Internet hospitals and be managed by it; The third is relying on entity medical institution as an online expansion and supplement of entity medical institution.

We fully analyze the advantages and disadvantages of these three models in the current development of the medical system, combined with the actual situation, formulate the first national Internet hospital construction model. This model transfers all medical services (outpatient consultations, subject consultations, prescription circulation, inspection and examination appointments, etc.) to entity hospitals, which improves the trust and awareness of patients and facilitate the patient's medical insurance payment and follow-up.

The project construction and technical route is the first in China in Internet clinic. During the prevention and control of COVID-19, other medical institutions borrowed from our hospital's Internet hospital construction plan. The integrated technology route is shown in the following figure

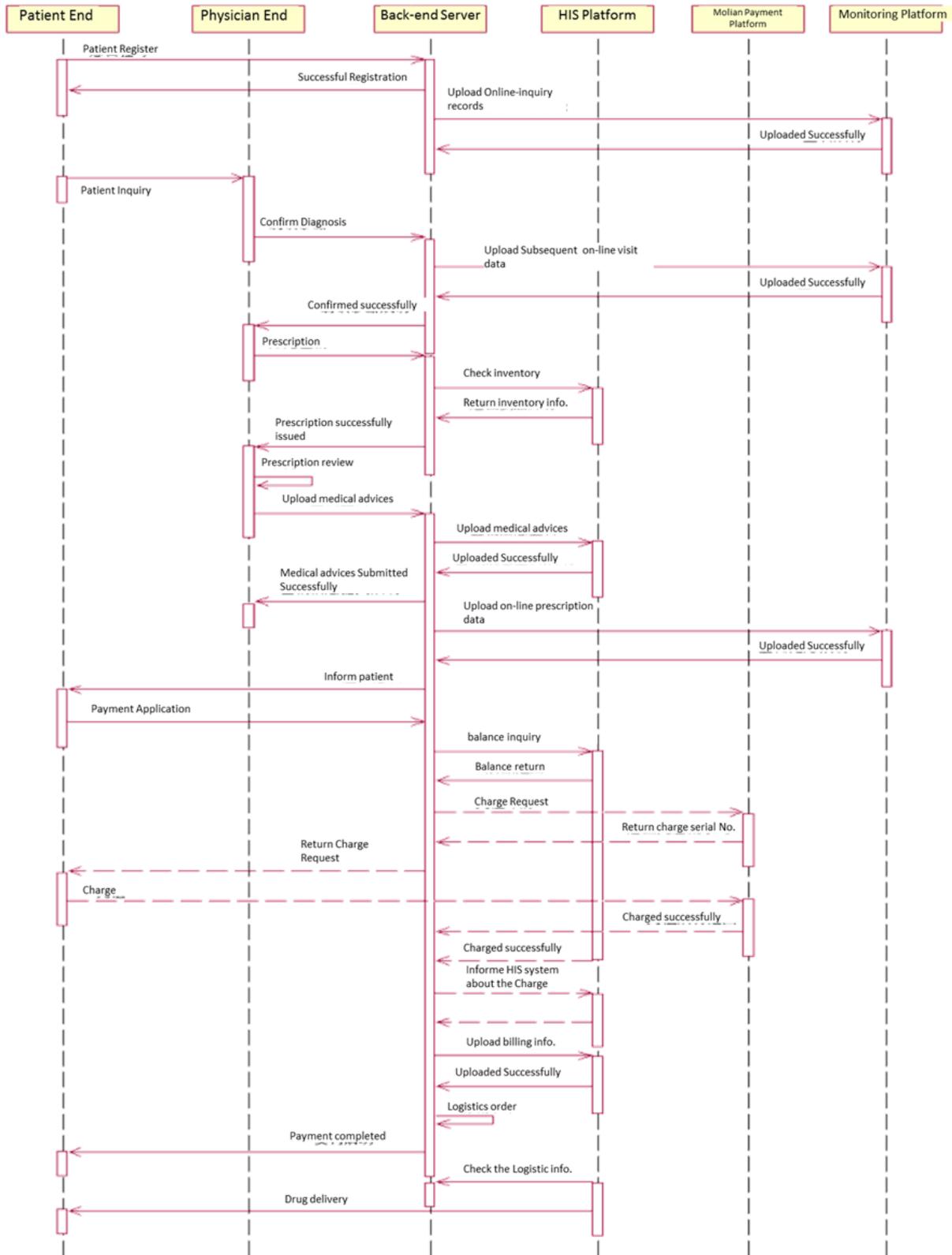


Figure 3: Technical Roadmap of Internet Clinic Construction in Our Hospital



2.2 Innovating the service mode of high-quality medical resources

We have built a standard health education studio and cloud platform, providing various forms of telemedicine courses, academic exchanges, popular science video recording, online meetings, online training and other functions. Through the Internet and other technologies, it promotes the continuous sinking of high-quality medical resources, and provides accurate health science knowledge to patients.

2.3 Innovating the construction mode of remote collaborative diagnosis and treatment

Compared with the technical framework of traditional remote diagnosis and treatment platform construction, this project uses Internet technology and 5G technology to break the protocol restrictions of remote diagnosis and treatment in space, to build mobile diagnosis and treatment platform, to realize cross-regional, cross-protocol video communication and data sharing.

2.4 Make full use of Internet, 5G, Block Chain and other technologies

In the construction of this project, we will build a 5G network with full coverage, and carry out Internet clinics, online meetings, online teaching, multi-disciplinary consultation and video exchanges in different places under the 5G network to provide a more reliable network environment.

At the same time, we should make full use of Internet technology, carry out Internet outpatient business, meet the needs of different patients, and make full use of block chain technology to ensure the safety of prescription circulation.

IV. On-line Trial Operation and Official Opening of the Project

1. Project on trial operation stage

On October 17, 2019, the construction of our hospital's Internet hospital project was basically completed, and the online trial operation ceremony was held on the same day, at the same time, relying on the collaborative diagnosis and treatment service platform to carry out the first "5G + 4K" remote collaborative surgery among two provinces.

More than 30 units, such as the Central Website Office, Anhui Provincial People's Government, Health Commission of Anhui Province, Hefei Municipal People's Government, People's Daily, Health Daily and Xinhua News Agency, have published news on the trial operation of our Internet hospital in different forms. The total number of new visits exceeded 300000.



Figure 4: Ceremony of Internet Hospital Trial Operation



Figure 5: Health Commission of Anhui Province leaders observe the operation of Internet clinics



Figure 6: The first "5G + 4K" remote collaborative surgery carry out in Internet hospital in Anhui Province

2.The plaque-unveiling ceremony of Internet hospital

On December 12, 2019, the plaque-unveiling ceremony of the first batch of Internet hospitals in Anhui Province was officially held, our hospital as one of the first five Internet hospitals in Anhui Province was formally licensed to practice. The implementation of the project construction has won unanimous praise in the province.

备注
<p>安徽医科大学第一附属医院：（已备案重新备案）</p> <p>省级限制类医疗技术：四级手术管理的内镜诊疗技术、人工关节置换、脑血管疾病介入诊疗技术、心血管疾病介入诊疗技术（先天性心脏病介入诊疗技术、冠心病介入诊疗技术、起搏器植入技术、心脏导管消融技术）、人工耳蜗植入技术</p> <p>国家限制临床应用的医疗技术：人工智能辅助诊断技术、口腔颌面部肿瘤颌颌联合根治技术、颌颌面畸形颌面外科矫治技术、人工智能辅助治疗技术、肿瘤消融治疗技术、肿瘤深部热疗和全身热疗技术、放射粒子植入治疗技术、同种异体角膜移植技术、同种异体皮肤移植技术、同种异体运动系统结构性组织移植技术、造血干细胞移植技术</p> <p style="text-align: right;">二〇一九年三月二十九日</p>

2019.12.11	<p>增加第二名称：安徽医科大学第一附属医院互联网医院； 互联网医院诊疗科目：</p> <p>全科医疗科/内科：呼吸内科专业，消化内科专业，神经内科专业，心血管内科专业，血管内科专业，肾病学专业，内分泌专业，免疫学专业/外科：普通外科专业，骨科专业，泌尿外科专业/妇产科：妇科专业，生殖健康与不孕症专业/妇女保健科：青春期保健专业，围产期保健专业，更年期保健专业，妇女心理卫生专业，妇女营养专业/儿童保健科：儿童生长发育专业，儿童营养专业，儿童心理卫生专业，儿童五官保健专业，儿童康复专业/皮肤科：皮肤病专业/传染科：肝炎专业/康复医学科/运动医学科/中西医结合科。</p>	安徽省卫健委
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Figure 7: Practice License of the Internet hospital



Figure 8: The official unveiling ceremony of Internet Hospital in our hospital



V. Effectiveness of the COVID-19 Prevention and Control

The successful operation of the Internet Hospital of the First Affiliated Hospital of Anhui Medical University has played an important role in the prevention and control of the novel coronavirus pneumonia epidemic in Anhui Province. According to the content of Internet hospital construction, the prevention and control of the epidemic was summarized as follows:

1. Give full play to the advantages of Internet outpatient service, do a good job in patient self-screening, fever outpatient consultation and routine follow-up diagnosis and treatment

1.1 Take the lead in opening "online fever clinic".

Actively responding to the call and requirements of the provincial government agencies, we took the lead in opening the "online fever clinic" of Internet hospitals in the province, carrying out free online consultation, home medical observation guidance and health assessment services for novel coronavirus pneumonia (COVID-19), guiding patients to seek orderly and accurate medical treatment. It has set a good example for other medical institutions to open "online fever clinic" in the province.

Up to now, "online fever clinic" has provided a fever clinic consultation service to 11270 patients totally. According to incomplete statistics, the "online fever clinic" has provided novel coronavirus pneumonia consultation and health guidance services to 0.1 million people totally, of which, 12% was served by our hospital.



Figure 9: "Online Fever Clinic" of Internet Hospital of Our Hospital

1.2 Take the lead in building a self-diagnosis platform for new coronary pneumonia.

Through the Internet Hospital of our hospital, we took the lead in completing the self-diagnosis platform for novel coronavirus pneumonia in Anhui province, providing health education and self-screening services for people living at home with novel coronavirus pneumonia. As of April 3, 2020, the platform had provided self-screening services for people in 27188.



Figure 10: Self-diagnosis platform of novel coronavirus pneumonia in Internet hospital of our hospital

1.3 Internet outpatient "online clinic" and "graphic consultation" provide normal outpatient service for patients.

After the Internet Hospital of our hospital was officially unveiled, it opened the Internet outpatient "graphic consultation" consultation service, providing non-timely outpatient diagnosis and treatment services for patients, up to now, it has provided non-timely outpatient consultation services for 40000 patients.

During the period of epidemic prevention and control, our Internet Hospital urgently opened the "online clinic" outpatient service of Internet Hospital, providing online consultation, convenient payment, prescription circulation, comprehensive pharmaceutical consultation and chronic disease consultation management services for patients with common and chronic diseases.

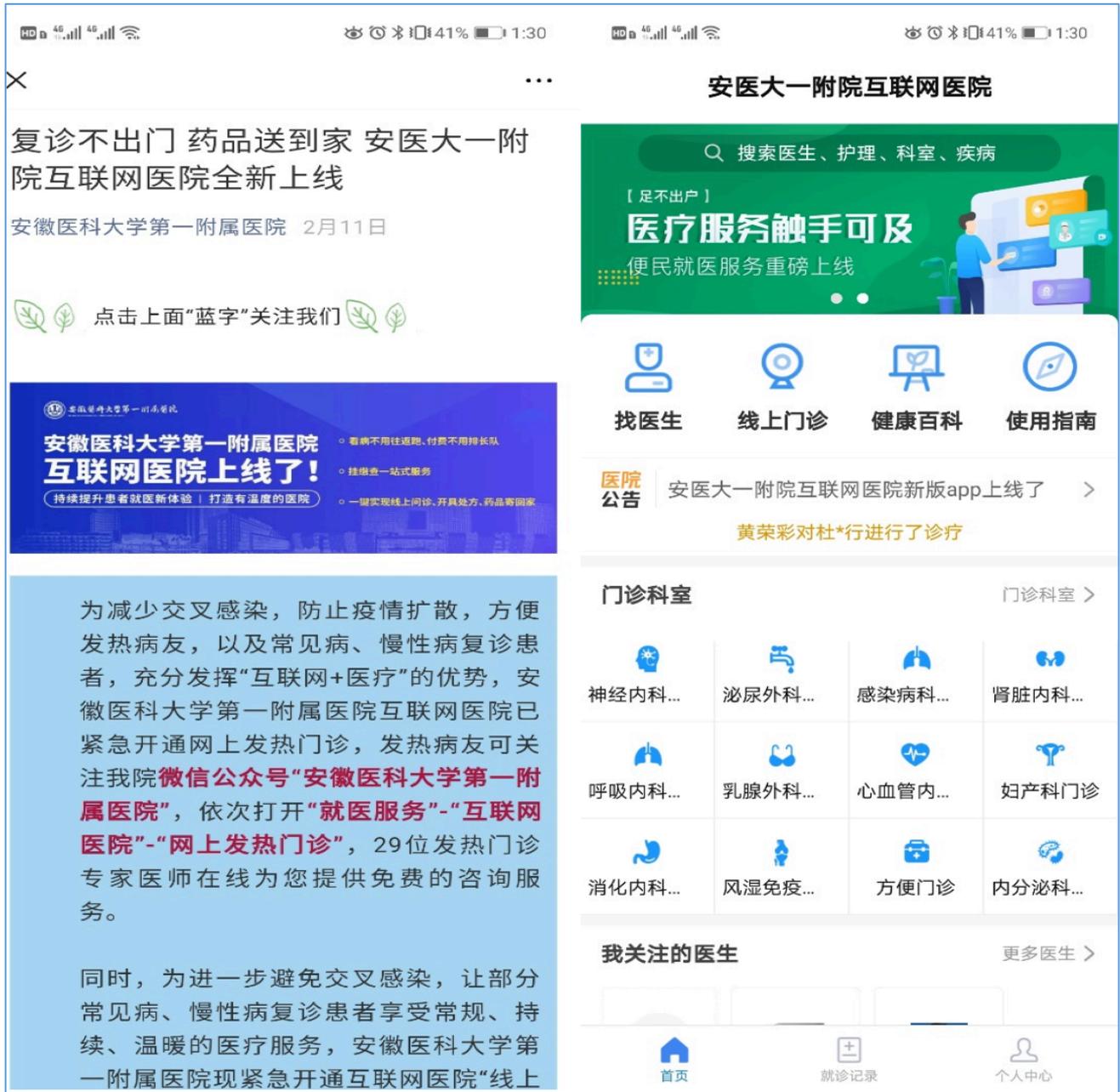


Figure 11: Online notification and official APP of "Online Clinic" of Internet Hospital in our hospital

Up to now, a total of 30 departments and 200 doctors have participated in the "online consultation room" of Internet hospitals. A total of more than 2,600 referral patients have been provided with online outpatient treatment services. A total of more than 1,500 prescription drugs have been issued, and all of them were safely delivered to patients, they can enjoy medical services at home.



Figure 12: Experts in the Internet clinic

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当前位置: 首页 > 服务网资讯 > 门诊排班 > 正文

安医大一附院互联网医院“线上诊间”门诊排班表

发布时间: 2020-04-03 阅读: 3618次 [放大字体] [缩小字体]

核心提示: 安医大一附院互联网医院线上诊间门诊排班.xlsx安医大一附院互联网医院线上诊间门诊操作指南.pdf

- 安医大一附院互联网医院“线上诊间”门诊排班 (3月23日-3月27日).xlsx
- 安医大一附院互联网医院“线上诊间”门诊排班 (3月30日-4月3日).xlsx
- 安医大一附院互联网医院“线上诊间”门诊排班表 (4月7日-4月10日).xlsx
- 安医大一附院互联网医院“线上诊间”门诊操作指南.pdf

Figure 13: Daily shift arrangement of "online clinic" in Internet hospital

安医大一附院互联网医院“线上诊间”最新排班表

发布时间：2020-02-22 阅读：635次

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疫情防控期间，为避免交叉感染，2月10日，安徽医科大学第一附属医院紧急开通互联网医院“线上诊间”门诊服务，让部分常见病、慢性病复诊患者享受常规、持续、温暖的医疗服务，常态化为复诊患者提供门诊诊疗和药品配送服务。

截至当前，已经为1000多名复诊患者提供了门诊诊疗服务，累计发出700多个处方药品，并安全的送到患者手中，让复诊患者足不出户即可享受医疗服务。

常见病、慢性病复诊患者可通过我院互联网医院官方APP和官方网站正常预约、挂号，依托互联网享受正常、安全的医疗服务。

2月24日至28日我院互联网医院“线上诊间”门诊排班如下：

安医大一附院互联网医院“线上诊间”门诊排班表（2.24-2.28）				
注：★红五角星的专家为安徽省人事厅学术和技术带头人、江淮名医、享受国（省）特殊津贴的专家。此排班表以当日门诊排班为准。				
星期一（2020年2月24日）				
序号	上午	姓名	下午	姓名
1	皮肤性病科	刘盛秀	神经内科	汪凯★
2	内分泌科	何勇	生殖医学	吴娟
3	乳腺外科	许骏	感染病科	周仲松
4	风湿免疫科	李霖	儿童保健	盛莉

Figure 14: Example1 of weekly scheduling of "online clinic" in Internet hospital

安医大一附院互联网医院“线上诊间”最新排班表（3月9日-13日）

发布时间：2020-03-06 阅读：1000次

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疫情防控期间，为避免交叉感染，2月10日，安徽医科大学第一附属医院紧急开通互联网医院“线上诊间”门诊服务，让部分常见病、慢性病复诊患者享受常规、持续、温暖的医疗服务，常态化为复诊患者提供门诊诊疗和药品配送服务。

截至当前，已经为1900多名复诊患者提供了门诊诊疗服务，累计发出1200多个处方药品，并安全的送到患者手中，让复诊患者足不出户即可享受医疗服务。常见病、慢性病复诊患者可通过我院互联网医院官方APP和官方网站正常预约、挂号，依托互联网享受正常、安全的医疗服务。

为进一步发挥互联网医院的便捷性、可及性、安全性和经济性，互联网医院现增加康复医学科、小儿外科、普胸外科、烧伤科、肝胆胰外科、神经外科、医学心理咨询、用药咨询、护理咨询（围产期、儿童发育与行为、伤口造口、血管通路、内分泌、老年及慢性呼吸疾病、脑膜透析患者综合、骨科快速康复、新生儿）等10个线上门诊，为患者提供更为多样的远程诊疗服务。

3月9日至13日我院互联网医院“线上诊间”门诊排班如下：

安医大一附院互联网医院“线上诊间”门诊排班表（3月9日-3月13日）				
注：★红五角星的专家为安徽省人事厅学术和技术带头人、江淮名医、享受国（省）特殊津贴的专家。此排班表以当日门诊排班为准。				
星期一（2020年3月9日）				
序号	上午	姓名	下午	姓名
1	皮肤性病科	沈頌科	神经内科	周珊珊
2	内分泌科	何勇	感染病科	胡立芬
3	风湿免疫科	肖会	肾脏内科	钱浩
4	心血管内科	程源	儿童保健	罗智花
5	妇产科	潘李华	泌尿外科	杜俊华
6	康复医学科	高婉平★	口腔科	后军
7	普胸外科	宋德柱	烧伤科	李兴照
8	方便门诊	张佳佳	护理（围产期）	张凤英
星期二（2020年3月10日）				
序号	上午	姓名	下午	姓名
1	风湿免疫科	陈珊宇	生殖医学	吴娟
2	消化内科	任晓非	呼吸内科	祝清清

Figure 15: Example 2 of weekly scheduling of "online clinic" in Internet hospital

互联网医院“线上诊间”门诊排班表 (3月16日至20日)

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疫情防控期间, 为避免交叉感染, 2月10日, 安徽医科大学第一附属医院紧急开通互联网医院“线上诊间”门诊服务, 让部分常见病、慢性病复诊患者享受常规、持续、温暖的医疗服务, 常态化为复诊患者提供门诊诊疗、药品配送、用药及护理咨询服务。

截至当前, 已经为2100多名复诊患者提供了门诊诊疗服务, 累计发出1300多个处方药品, 并安全的送到患者手中, 让复诊患者足不出户即可享受医疗服务。常见病、慢性病复诊患者可通过我院互联网医院官方APP和官方网站正常预约、挂号, 依托互联网享受正常、安全的医疗服务。

为进一步发挥互联网医院的便捷性、可及性、安全性和经济性, 互联网医院将陆续增加小儿外科、普胸外科、烧伤科、肝胆胰外科、神经外科、医学心理咨询、微创外科等多个线上门诊, 同时, 推出用药咨询(糖尿病与内分泌疾病用药、呼吸疾病用药、器官移植用药、消化疾病用药、感染性疾病用药、肿瘤与疼痛用药、肠外与肠内营养、心血管疾病用药、脑血管疾病用药)、护理咨询(围产期、儿童发育与行为、伤口造口、血管通路、内分泌、老年及慢性呼吸疾病、腹膜透析患者综合、骨科快速康复、新生儿)等在线咨询服务, 为患者提供更为多样的远程诊疗服务项目。

3月16日至20日我院互联网医院“线上诊间”门诊排班如下:

安医大一附院互联网医院“线上诊间”门诊排班表 (3月16日-3月20日)				
注: ★红五角星的专家为安徽省人事厅学术和技术带头人、江淮名医、享受国(省)特殊津贴的专家。此排班表以当日门诊排班为准。				
星期一 (2020年3月16日)				
序号	上午	姓名	下午	姓名
1	皮肤性病科	沈顺科	神经内科	周丽娟
2	内分泌科	柯勇	感染病科	栢立芬
3	风湿免疫科	苏金	肾脏内科	钱洁
4	心血管内科	程源	儿科	罗智花
5	妇产科	黄苗苗	泌尿外科	邱志辉
6	乳腺外科	许敏	口腔科(正畸)	顾梦媛
7	消化内科	刘晓磊	骨伤外科	刘文健
8	康复门诊	张莹莹	护理(围产期) 14:30-16:00/护理(新生儿)	刘颖/吴峰

Figure 16: Example 3 of weekly scheduling of "online clinic" in Internet hospital

The prescription of "online clinic" in our hospital's Internet can transfer to the hospital pharmacy with the same price. It also supported the patients to carry out routine medical insurance payment and invoice printing services. Of the more than 1500 prescription drugs issued, more than 1300 prescriptions were mailed to patients by automatic docking with SF-Express. During the epidemic, and there were many difficulties in the diagnosis and treatment of patients' diseases. The online hospital "online clinic" of our hospital has not only solved the normal diagnosis and treatment of some common diseases and chronic diseases, but also allows patients enjoy medical services at home.



Figure 17: Prescriptions in the "online clinic" are classified and packed in the outpatient pharmacy of our hospital



Figure 18: SF-Express to pack the prescription code of our hospital



Figure 19: Example of a drug prescription courier for normal delivery

During the epidemic prevention and control, our hospital Internet hospital "online clinic" and prescription circulation business was highly praised by the provincial government. Li Jinbin, Secretary of the Anhui Provincial Party Committee, and provincial leaders Tao Minglun, Yu Aihua visited our hospital Internet clinic to guide the work.



Figure 20: Li Jinbin, Secretary of the provincial Party committee, visited the Internet clinic of our hospital to guide the work of the Internet clinic

At the same time, our hospital applied to Anhui Medical Insurance Bureau for Internet medical service price pricing related work, during the epidemic prevention and control, the deputy director of Anhui Medical Insurance Bureau Yuan Zhiying came to our hospital Internet hospital Internet clinic to guide work, and investigated Internet medical service price related matters, a week after the end of the investigation. The Notice of Anhui Medical Security Bureau on the Price of Temporary New Internet (Remote) Medical Service Items was officially issued and applied to various medical institutions.



Figure 21: Yuan Zhi, Deputy Director of the Provincial Medical Insurance Bureau, came to our hospital to guide the work of the Internet clinic

2. Relying on the health education studio and cloud platform, it provides various forms of online meetings, online training and in-school teaching.

During the period of epidemic prevention and control, in order to reduce cross-infection, the guaranteed health education studio and cloud platform built in the "Internet +" intelligent medical education and popular science service platform of our hospital's Internet hospital provided three online meetings and two online training on epidemic prevention and control for the nursing department of our hospital, and provided four online training courses for interns in the pharmacy department.



Figure 22: Director of Nursing Department of our hospital carries out head nurse online meeting.

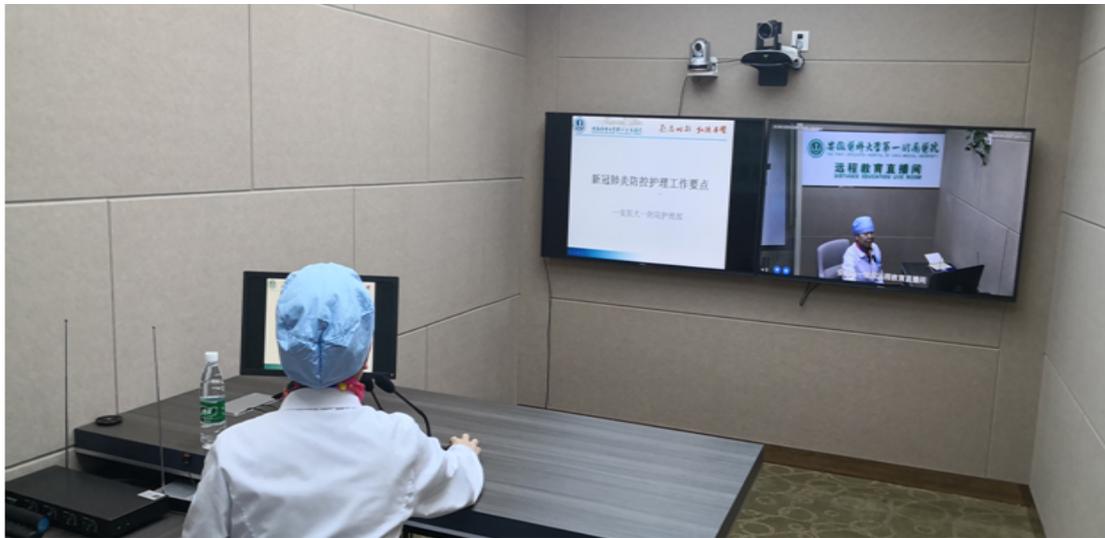


Figure 23: Nursing Department carries out online training of "Key Points of Nursing Knowledge of COVID-19"



Figure 24: On-line teaching for interns in pharmacy department of our hospital

3. Relying on the remote mobile medical diagnosis and treatment center based on 5G, many thematic activities such as multi-disciplinary consultation and video connection in different places have been realized.

Making full use of 5G technology and mobile Internet technology, a number of activities of special significance have been carried out in the remote mobile medical diagnosis and treatment center of our Internet hospital during the epidemic prevention and control.

3.1 Use 5G technology to support the frontline medical staff to join the Communist Party of China.

After the outbreak of the COVID-19, president Xi Jinping called on organizations and cadres at all levels not to forget their original minds and remember their mission, to charge ahead and fight tenaciously, to unite and lead the people to resolutely implement the decision-making and deployment of the party central committee. For the activists who have outstanding performance during the COVID-19 epidemic can join the Communist Party of China at first.

Four front-line white-clad soldiers of Wuhan Medical Team assisted by our hospital held a solemn swearing-in ceremony for joining the Communist Party of China through 5G technology and mobile Internet technology. It not only provides the basic guarantee for the cross-regional oath of joining the Communist Party of China, but also innovates the way of joining the Party in a special period.



Figure 25: Four front-line medical and nursing staff in our hospital took an oath through the Internet

3.2 Anhui Provincial Party Secretary Li Jinbin conducts a video with the medical team supporting Hubei.

At the critical stage of the epidemic prevention and control of the COVID-19, Li Jinbin, Secretary of the provincial Party committee, used the Internet hospital conducts a video with the medical team supporting Hubei, through 5G technology and mobile Internet technology. At the same time, on behalf of the Provincial Party Committee and the Provincial Government, he extends his sincere condolences and heartfelt thanks to all medical personnel who support the medical team of Hubei Province.



Figure 26: Li Jinbin, Secretary of the provincial Party committee, expressed his condolences to Anhui Province to support the Hubei medical team



Figure 27: Anhui Provincial Party Secretary Li Jinbin conducts a video with the medical team supporting Hubei

3.3 Supporting the "face-to-face" exchanges on epidemic prevention and control among multinational, multi-local and multi-party countries.

According to the latest data released by the African Center for Disease Control and Prevention, as of April 17 in Eastern African time, more than half of the countries in Africa have reported confirmed cases of COVID-19, reaching 30 countries. South Sudan has not yet confirmed cases of it, but its neighboring Sudan, Ethiopia and other countries have confirmed cases and deaths, South Sudan's novel coronavirus epidemic prevention and control pressure is great. The seventh batch of South Sudanese medical teams in our province have actively cooperated with the Embassy in South Sudan to assist the South Sudanese health department in epidemic prevention and control. Recently, the Embassy in South Sudan proposed to ask the Anhui Provincial Health and Health Commission for support, hoping to learn from Anhui's anti-epidemic work and treatment experience to help South Sudan fight against the novel coronavirus pneumonia epidemic.

The Anhui Provincial Health Commission and the First Affiliated Hospital of Anhui Medical University immediately determined the transnational multi-place multi-party video conference program. The leadership of the Provincial Health Commission, the Medical Administration Department of the Commission, the Disease Control Department, as well as Ambassador to South Sudan, Counsellor Cai Senming, officials of the Ministry of Health of South Sudan, head of WHO Representative Office in South Sudan, medical staff of South Sudan Isolation Center, the seventh batch of medical team members for South Sudan participated in the video link. We introduced the situation of epidemic prevention and control in China and Anhui Province, as well as the experience of prevention and control and treatment.



Figure 28: Cross-border and Multi-regional "Face-to-face" Epidemic Prevention and Control Exchange between China and South Sudan

3.4 Supporting online consultation of multi-disciplinary experts in Hefei & Wuhan.

During the period of epidemic prevention and control, we provided better medical resources and guarantee for our hospital to support Wuhan Medical Team, and provided more perfect diagnosis and treatment plan for the confirmed patients with new coronary pneumonia and suspected severe patients. In our hospital's Internet Hospital, our hospital's experts and experts supporting Wuhan Medical Team conducted many multi-disciplinary consultations through 5G technology and mobile Internet technology.



Figure 29: Our hospital carries out multidisciplinary consultation through the Internet hospital remote mobile collaborative diagnosis and treatment platform

3.5 Supporting the online theme group day activities of "anti-epidemic" fighters.

During the epidemic prevention and control period, when the 57th "Learning Lei Feng Day" is approaching, in order to vigorously promote the Lei Feng spirit of "serving the people wholeheartedly", the League Provincial Committee uses the Internet Hospital Collaboration Platform of our hospital, through 5G technology and mobile Internet technology, organizes the League Committee of our hospital, the League Committee of Anhui Branch of China Eastern Airlines, and so on. The Youth

League Committee of Hefei Rail Transit Group and our hospital supported young medical workers in Hubei Province to carry out online theme group day activities of "Promoting Lei Feng Spirit and Respecting Anti-epidemic Soldiers".



Figure 30: Online thematic activities