

Telehealth around the world: a global guide



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Introduction

The COVID-19 pandemic has caused healthcare systems around the globe to rapidly, and in some cases, radically rethink the delivery of medical care. The global expansion of telehealth services is one way we have seen this transformation occur. This has resulted in significant opportunities in the field, as well as unprecedented regulatory change.

As a quickly evolving area, 'telehealth' can have different meanings in different contexts. In this Global Guide, telehealth refers to the delivery of healthcare services where patients and providers are separated by distance, using information and communications technology for the exchange of information for the diagnosis or treatment of diseases and injuries. We have adapted this definition from the World Health Organisation's definition of telehealth.

Telehealth is not a new concept – healthcare providers, academics and technology developers have been advocating for its use for decades. There are many benefits to the widespread adoption of telehealth, including improved access to healthcare services, risk mitigation, convenience and flexibility, and in many cases, a reduction in overhead costs. However, the use of telehealth is not without its challenges. For example, it is not suited to all forms of healthcare, its implementation and adoption can be time consuming and costly, and additional care must be taken in relation to the transfer of patient health information.

The restrictions of movement in many parts of the world due to COVID-19 has caused governments to recognise the potential of telehealth, and amend laws and regulations seemingly overnight to enable healthcare providers to deploy telehealth solutions. Many governments have adopted telehealth reforms in a matter of weeks, which may otherwise have taken years to be considered and introduced.

Although many of these reforms presently have an expiration date (dependent on the duration of the COVID-19 pandemic), there is likely to be continued growth in telehealth due to the advantages of such a service – even after the pandemic. There are enormous opportunities in the telehealth space for businesses already operating in this field, businesses considering expanding into telehealth, and start-ups.

This Global Guide provides an overview of the current state of telehealth regulations worldwide and assists readers to identify the opportunities, challenges and risks, on a country-by-country basis. As the field of telehealth, and the regulations underpinning it, remain highly dynamic and subject to change, this document is intended as a general guide and does not constitute legal advice. Should you wish to discuss any aspects of telehealth with a specialist lawyer, please contact us below.

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Italy

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Is the use of telehealth permitted?

Yes, telehealth is permitted in Italy. Italian authorities refer to telehealth as "telemedicine" (telemedicina).

Over the last three (3) years, Italian authorities have adopted several rules and guidelines on telehealth.

How is telehealth regulated?

In 2014, the Italian Ministry of Health ("MoH") issued specific guidelines which, although not binding, provide useful indications on how telehealth services should be performed in Italy ("MoH Guidelines"). The MoH Guidelines substantially reflect the definition of telehealth provided by the WHO, i.e., the delivery of healthcare services using ICT for the exchange of information, in situations where patients and providers (or two or more providers) are separated by distance. The rules and principles applicable to traditional healthcare services also apply to telehealth services, to the appropriate extent. In this sense, the MoH Guidelines clarify that Article 8-ter of Italian Legislative Decree 502/1992, which establishes the obligation to obtain authorization to provide healthcare services, also applies to telehealth. However, it must be noted that the MoH Guidelines do not consider telehealth services as a substitute for traditional healthcare services services, but rather as an additional tool to enhance the efficacy and efficiency of the Italian National Health System ("NHS").

In March 2016, the MoH issued a decree establishing the National Centre for Telehealth (*Centro nazionale per la telemedicina e le nuove tecnologie assistenziali*) within the Italian National Health Institute (*Istituto Superiore di Sanità* – "ISS"), to promote and coordinate research on telehealth.

The Covid-19 pandemic boosted the use of telehealth. In 2020:

- The Italian Medicines Agency (AIFA) adopted several measures to cope with the COVID-19 pandemic, including the remote performance of certain activities by HCPs and third-party providers in the context of clinical trials;
- The ISS issued specific guidelines for the provision of telehealth services during the COVID-19 pandemic;
- The MoH updated the MoH Guidelines.

Moreover, telehealth became one of the pillars of the Italian National Recovery and Resilience Plan ("PNRR"). The PNRR is part of the Next Generation EU (NGEU) program, the EUR 750 billion program that the European Union negotiated in response to the Covid-19 pandemic, and envisages six (6) missions. Mission 6 of the PNRR is dedicated to healthcare and allocates a total of EUR 18.5 billion for the modernization and digitalization of the Italian NHS.

Accordingly, after the launch of the PNRR Italian authorities adopted several guidelines and regulations on telehealth:

- On 6 August 2021, the Ministry of Economy and Finance issued a decree that, in the context of the PNRR, allocates EUR 1 billion to the improvement of telehealth in Italy;
- The MoH adopted several decrees, including:

- Decree of 23 May 2022, which provides indications on the use of telehealth for homecare services;
- Decree of 21 September 2022, which approved the requirements for the implementation of telehealth services at the regional level;
- Decree of 30 September 2022, which establishes the procedures to approve projects on telehealth at the regional level.

Moreover, on 11 October 2022 the Italian National Agency for Regional Health Services ("Agenas") launched a bidding process for the implementation of the National Telehealth Platform (*piattaforma nazionale di telemedicina*). The National Telehealth Platform will serve as the central infrastructure to ensure uniformity in the delivery of telehealth services across Italian regions and autonomous provinces. On 8 March 2023, the Agenas and the company that was awarded the tender signed the agreement for the design, implementation, and management of the National Telehealth Platform.

Are there specific fields of healthcare in relation to which telehealth services are currently available, and do they involve the use of proprietary technology or platforms?

Telehealth services normally include the following subjects:

- Patients;
- One or more "Provider(s)" (Centro erogatore) Public or private HCOs and HCPs providing telehealth services;
- A "Services Centre" (*Centro Servizi*) To manage the data exchanged between patients and providers. Please note that a "Provider" may also carry out the functions of a "Services Centre".

Telehealth services may cover several areas of human medicine (e.g. cardiology, psychiatry, and paediatrics). In particular, telehealth services may play a pivotal role in laboratory and diagnostic imaging.

The MoH Guidelines consider that telehealth services may specifically apply to:

- Secondary prevention Telehealth services for people who are classified as being at risk or who have already been diagnosed (e.g. diabetes or cardiovascular diseases);
- Diagnosis Telehealth services may support the diagnostic process (e.g. by facilitating the performance of specific laboratory tests);
- Treatment Telehealth services aimed at making therapeutic choices;
- Rehabilitation Telehealth services for specific categories of patients (e.g. frail patients); and
- Monitoring Telehealth services may help connect patients with their treating physicians / caregivers in order to properly monitor disease management.

Does the public health system include telehealth services, and if so, are such services free of charge, subsidised or reimbursed? Where the public health system does not include telehealth services, are such services covered by private health insurance?

Although telehealth services are still more commonly used in private practice, the rules and guidelines adopted over the last three (3) years are expected to bolster the implementation of telehealth in the public sector.

In particular, two Italian regions – Lombardy and Puglia – have been identified as "lead" regions as they are at the forefront of the implementation of telehealth solutions in compliance with the guidelines and rules issued by the Agenas and the MoH.

The Italian NHS is expected to regulate in detail the costs – and conditions for reimbursement – of telehealth services in the public sector.

Do specific privacy and/or data protection laws apply to the provision of telehealth services?

There are no specific national laws governing the processing of personal data in the context of telehealth services so far.

However, the Italian Government has been working on strengthening the existing database named 'Electronic Health Record' (*Fascicolo Sanitario Elettronico*) and establishing the new National Telehealth Platform, which will raise new severe risks for patients' privacy. For this reason, we expect that the Italian regulator will release new rules to address the privacy-related risks arising from the implementation and use of these systems as soon as they will be in place.

Currently, the processing operations of personal data carried out in this context falls within the regulatory framework of the EU General Data Protection Regulation 2016/679 ("GDPR") and Legislative Decree 196/2003, as lastly amended by means of Legislative Decree 101 /2018 (the Italian Privacy Code), as well as the decisions and guidelines issued by the Italian Data Protection Authority and other authorities having jurisdiction in the subject matter (jointly referred to as Privacy Laws). In particular:

- Under Article 9, let. h) of the GDPR, patient's consent is not required where the processing of personal data is necessary for the purposes of medical diagnosis, the provision of telehealth services, or the management of telehealth systems and services, on the basis of EU or member state law or pursuant to contract with a HCP;
- Patients must be adequately informed on the processing activities related to the performance of telehealth services, by means of a privacy information notice listing any element required under Articles 13 and 14 of the GDPR;
- Personal data, including heath data, must be processed in accordance with data processing principles set forth under Article 5 of the GDPR; and
- Adequate technical and organizational security measures must be adopted. In this regard, Italian Privacy Laws do not specifically
 identify the required security measures, providing that both data controllers and processors must determine the measures to be
 implemented by taking into account the state of the art, the costs of implementation and the nature, scope, context and purposes of
 processing as well as the risk of varying likelihood and severity for the rights and freedoms of natural persons. Considering that
 special categories of data (i.e. health data) are processed in performing telehealth services, the security measures to be taken must
 be particularly robust.

How should the cross-border transfer of personal information collected and processed in the course of telehealth services be carried out to ensure compliance with applicable privacy laws?

Cross-border transfers must be carried out in accordance with Articles 45 and ff. of the GDPR. This means that personal data, including health data, may be lawfully transferred in case one of the following requirements is met:

- There is a European Commission Adequacy Decision, stating that the recipient country provides adequate protection for individuals' personal data; or
- The data exporter and importer (i) adopted appropriate safeguards pursuant to Articles 46 and ff. of the GDPR (e.g. Standard Contractual Clauses, Binding Corporate Rules, etc.), (ii) conducted a proper transfer impact assessment pursuant to European Data Protection Board's recommendations 1/2020, and (iii) implemented further adequate contractual, organizational, and technical measures, as needed according to said transfer impact assessment.

Moreover, Article 49 of the GDPR provides for possible exceptions to the above-mentioned requirements, that can be applied only whether specific circumstances are met.

Are there any currently applicable codes of conduct on the use of telehealth systems and/or security of telehealth data in your jurisdiction?

The MoH Guidelines only include a general statement concerning the need to comply with applicable privacy laws in using telehealth systems.

Moreover, the Italian Data Protection Authority issued Decision no. 55 of 7 March 2019 on 'Clarifications on the enforcement of the rules for the processing of health data in the health sector', which also mentions processing of health data in the context of telehealth services.

Are any specific laws, regulations, or self-regulatory instruments expected to be adopted in the near future?

The rules and guidelines issued over the last three years have significantly improved the legislative and regulatory framework governing telehealth. On this basis, we expect that the Italian public sector will adopt and implement several telehealth solutions in the upcoming months and years.

The National Telehealth Platform, which should be delivered for testing and startup by November 2023, aims at ensuring uniformity in the provision of telehealth services across Italian regions. This will represent a major challenge for the Italian NHS.

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