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# Chemical Role and Applications of Artificial Intelligence (AI) in COVID-19 Prevention, Prognosis, Diagnosis, Imaging, Screening, Treatment and Management

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The COVID-19 sizeable ailment critical trouble, amongst such a lot of social, money-primarily based and fitness troubles, also introduced new possibilities. The (viable electricity or potential within/opportunity of) telemedicine to enhance health results had already been regarded in the ultimate at least two decades, however the good-sized ailment critical trouble has sped up the virtual revolution. In 2020, a quick growth within the use of remote discussions (with different people) came about because of the want to reduce attendance and overcrowding in individual (who does no longer live at a sanatorium overnight) clinics. however, the advantage in their use extends past the full-size disease critical hassle, as an essential tool to enhance both the (losing very little while operating or producing something) and ability (to hold or do something) of future healthcare systems. This article opinions the books (associated with/looking at/considering) telemedicine and teleconsultation standards and guidelines, collects opinions of Portuguese specialists in breathing and lung related medicine and presents guidance in teleconsultation practices for Pulmonologists. The substantial ailment extreme trouble of COVID-19, amongst such a lot of social, cash-primarily based and healthcare issues, additionally delivered new opportunities. It has allowed different types of touch to be explored and has sped up the digital revolution. And superb steps have been taken toward a real (putting into) use of telemedicine. Teleconsultation, at the beginning (did/performed/completed) out of an exquisite need to now not lose touch with patients, but in a very (based on surely seeing things) way, now seems as another tool that we are able to use. This document tries to set up suggestions to standardize the practice of this telemedicine (manner of doing something/way that something takes place). Teleconsultation is simply the beginning inside the digital revolution in healthcare. In a close to destiny, it is predicted that different, more complicated (approaches of doing matters/approaches that matters take place) of telemedicine will even end up part of everyday medicationprimarily based exercise. it can never accept special attention too strongly that generation ought to constantly be at the provider of the patient, and not the opposite way around. a lot of these newly-seen gear simplest make feel if they show to be an introduced price for the patient and for the development of healthcare gave/given to patients<sup>1-114</sup>.

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