

PERSONAL DOCTOR
COME SCOPRIRE E CURARE
IL COVID CON LA DIAGNOSTICA

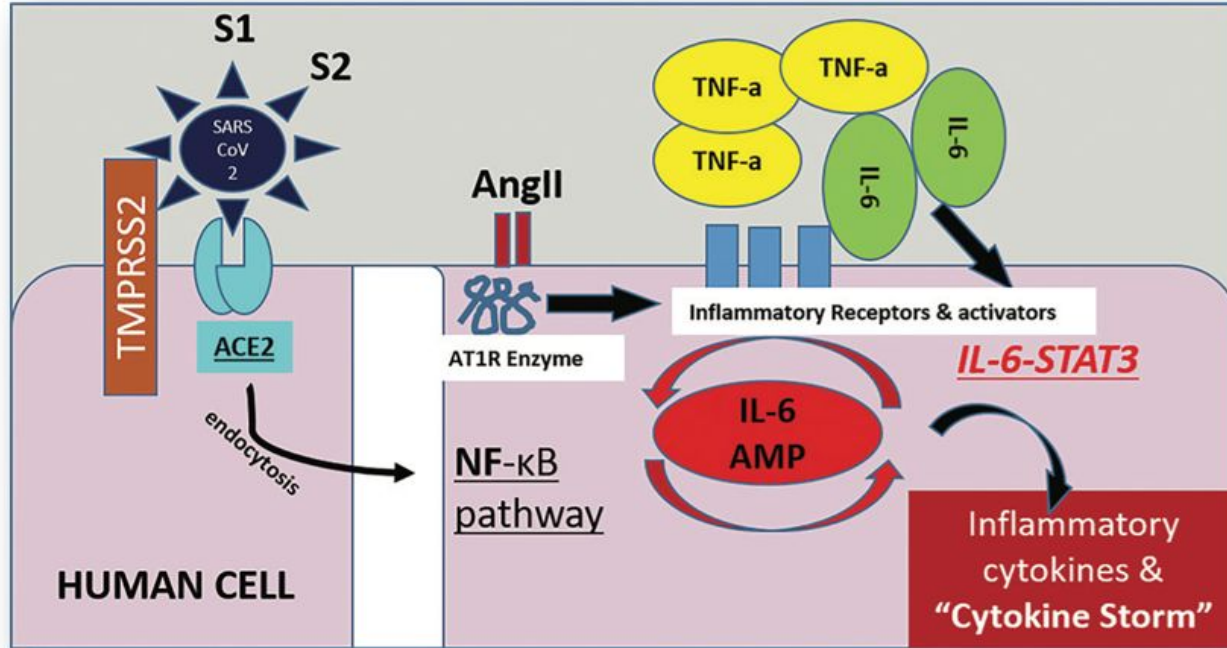
MARTEDÌ 2 FEBBRAIO



Luca Cancian
Radiologo Direttore Dipartimento Servizi e
Direttore UOC Radiologia di Cittadella e
Camposampiero, ULSS6 Euganea

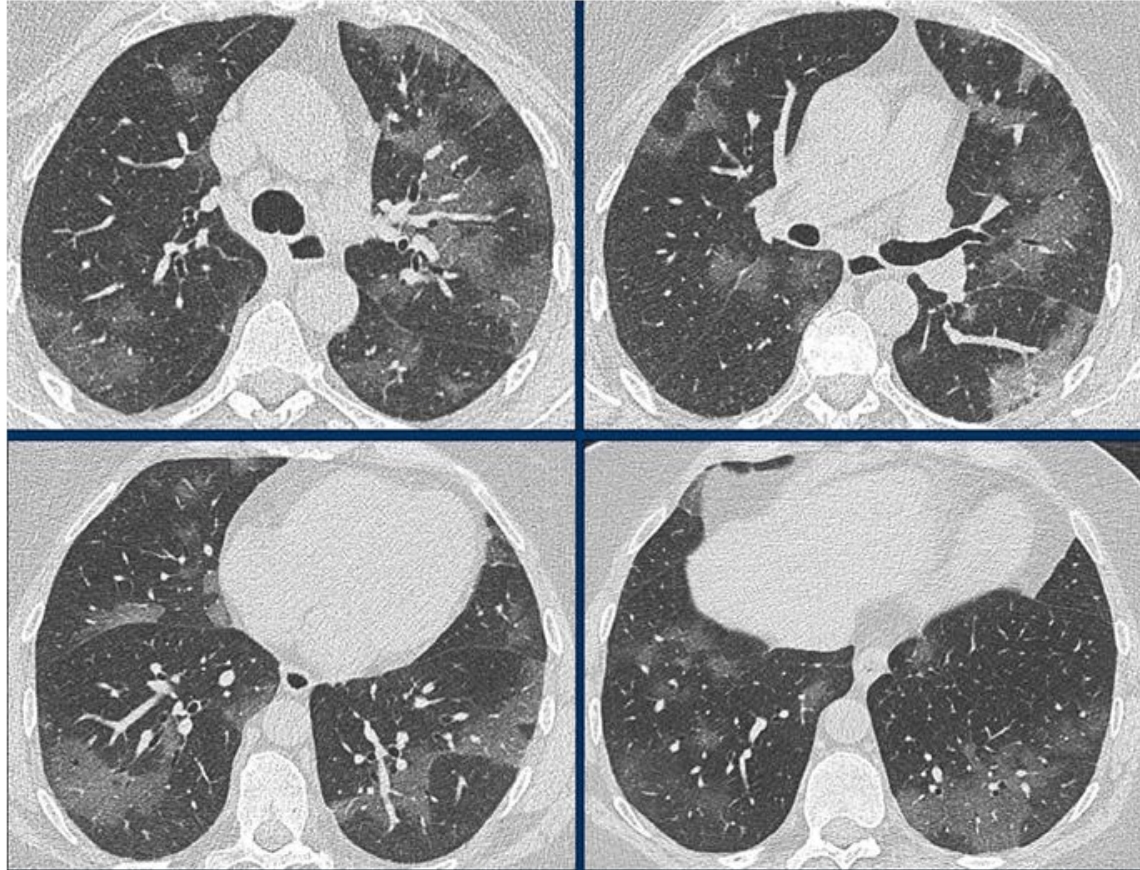


Meccanismo di attacco



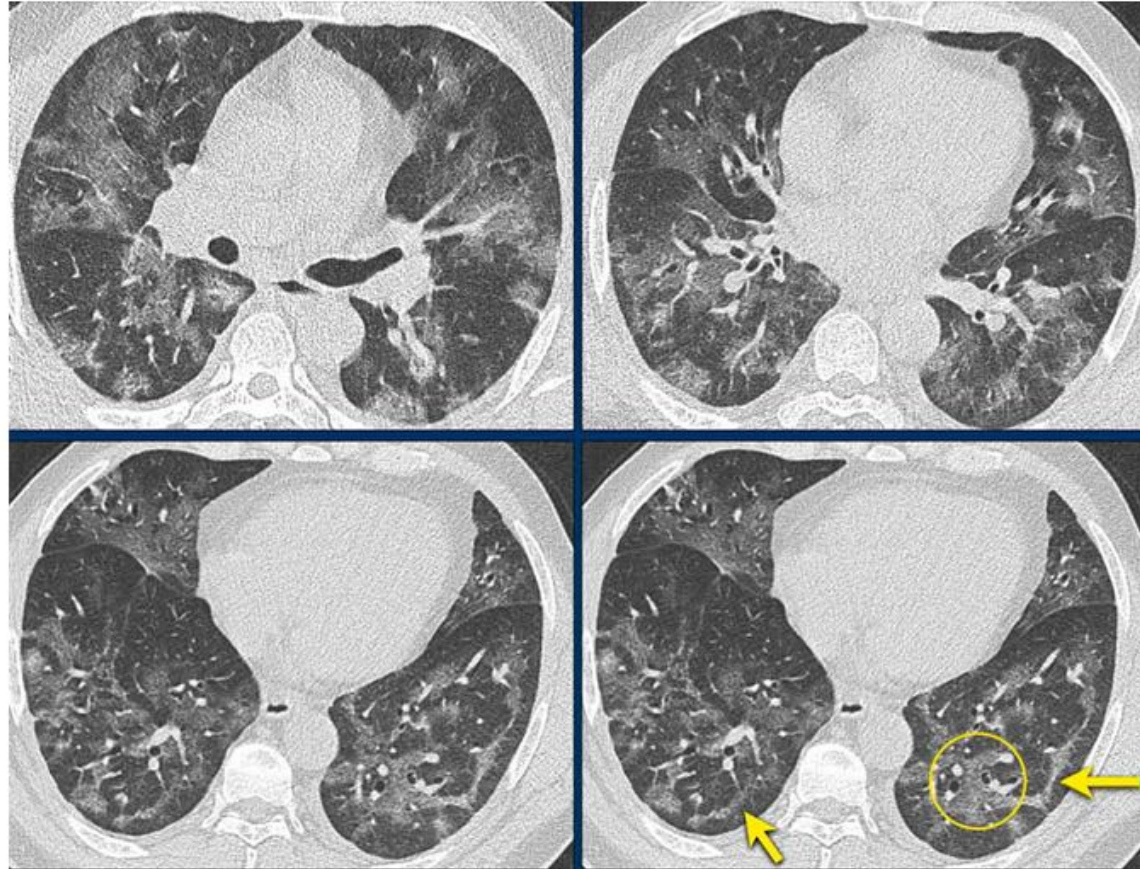


**STADIO
INIZIALE**



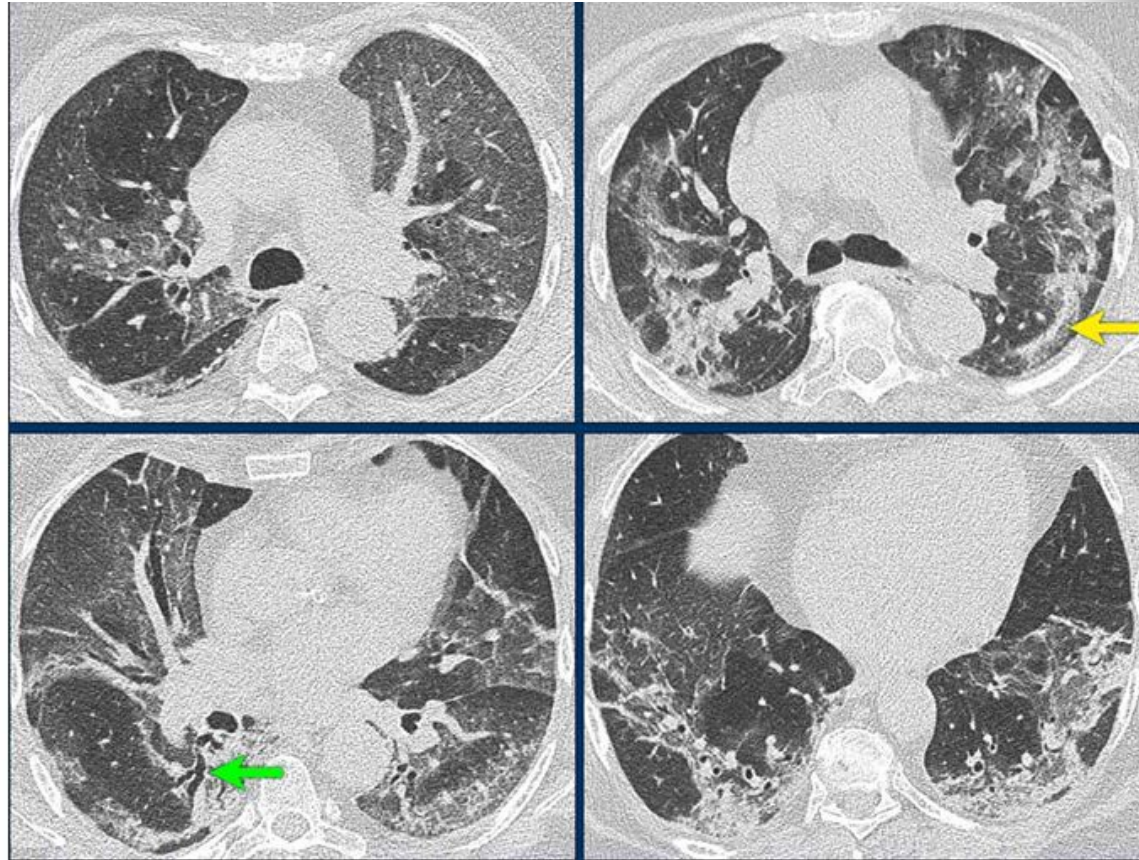


**STADIO
EVOLUTIVO**



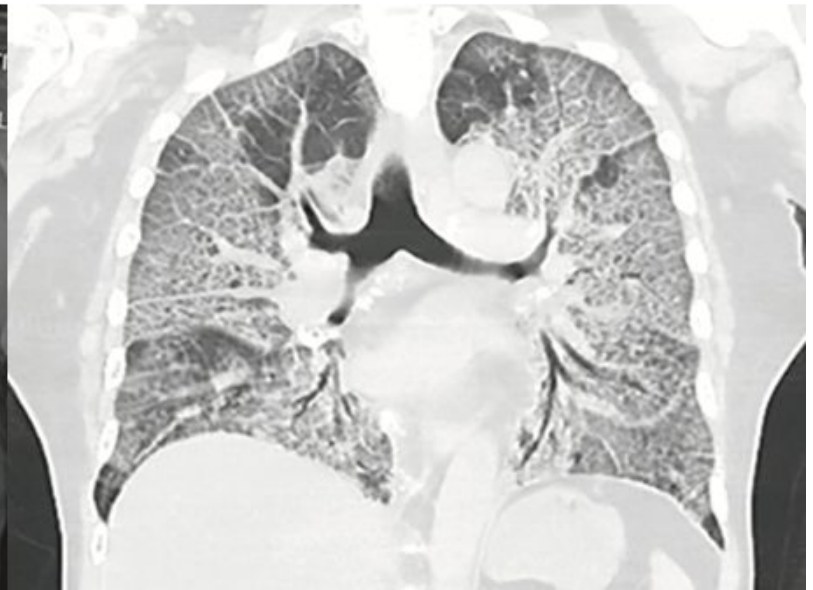
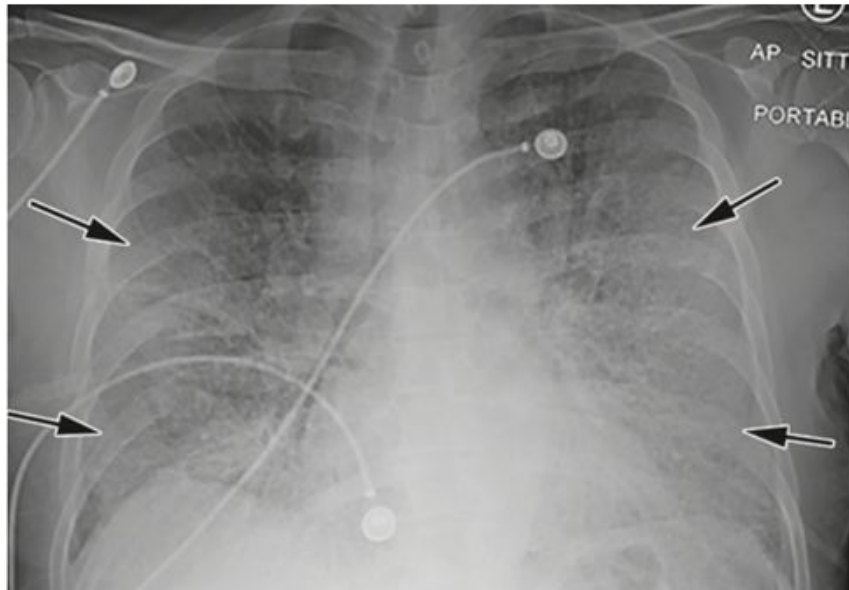


**STADIO
AVANZATO**





ACUTE RESPIRATORY DISEASE SYNDROME

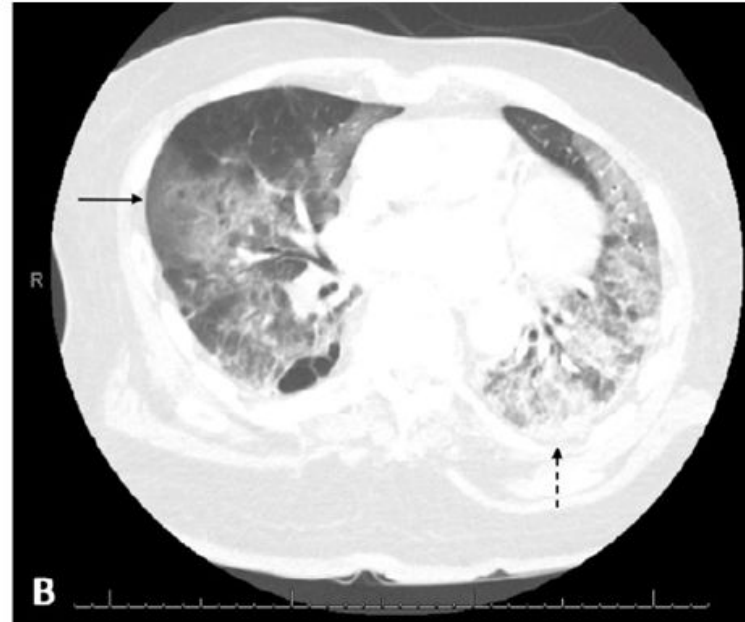
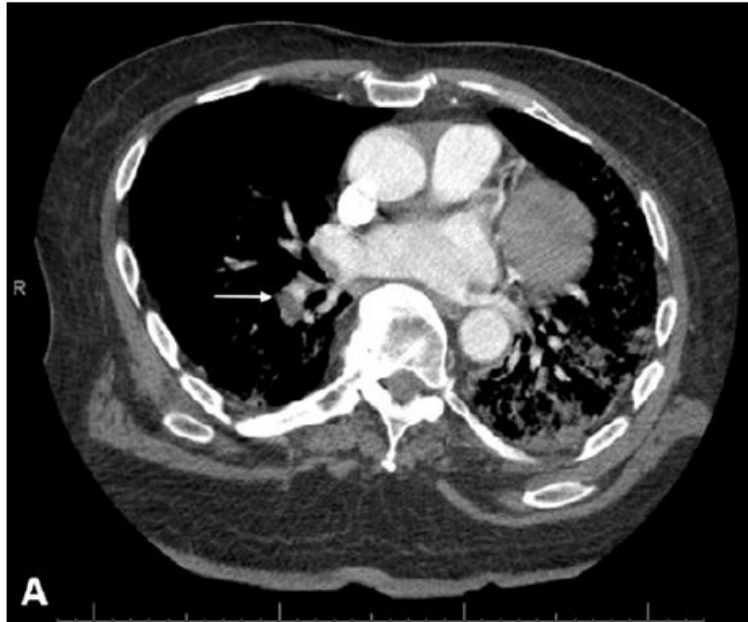




Radiology

Acute Pulmonary Embolism and COVID-19

Neo Poyiadji¹ MD, Peter Cormier¹ MD, Parth Y. Patel¹ MD, Mohamad O. Hadied¹ MD, Pallavi Bhargava² MD, Kanika Khanna¹ MD, Jeffrey Nadig¹ MD, Thomas Keimig¹ MD, David Spizarny¹ MD, Nicholas Reeser¹ MD, Chad Klochko¹ MD, Edward L. Peterson³ PhD, Thomas Song¹ MD





COVID COMPLICANZE SISTEMICHE

- Miocarditi (arresto cardiaco)
- Splenomegalia
- Epatomegalia (stetosi)
- Gastro-enterite
- Neurotropismo
- Congiuntiviti

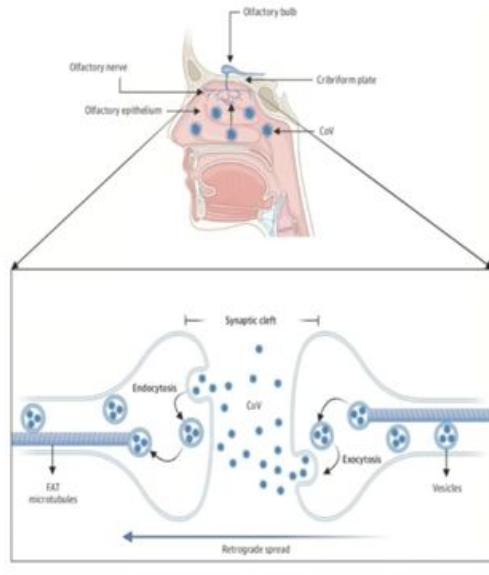




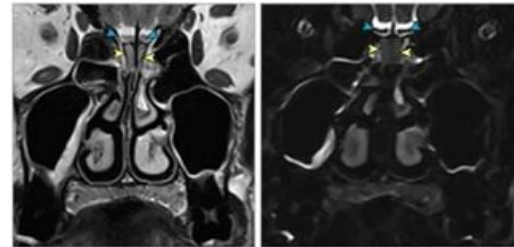
COVID COMPLICANZE NEUROLOGICHE

Viral spread via the transcribrial route from the olfactory epithelium along the olfactory nerve to the olfactory bulb within the central nervous system

Zubair et al, *Jama Neu* 2020



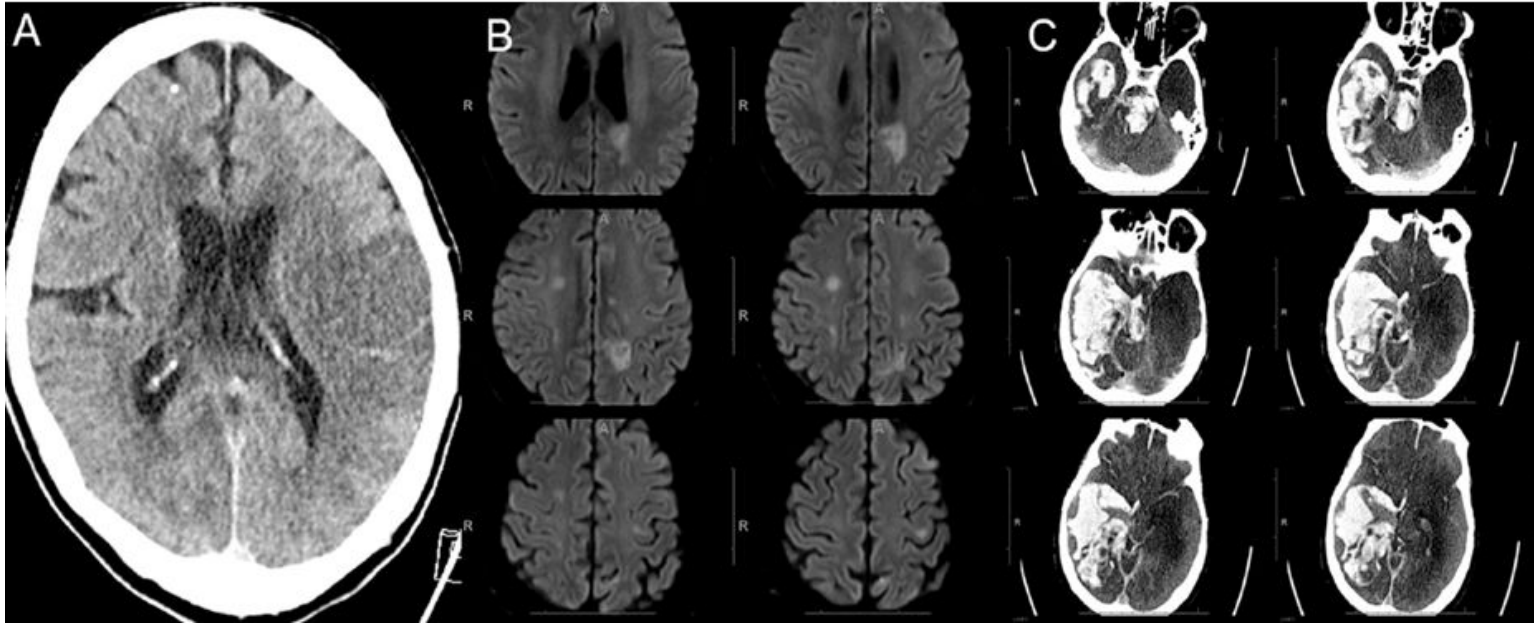
- **Lechien et al:** 85,6% (n= 417) COVID-19 patients had olfactory dysfunction (OD)
- **Salmon et al:** 94% with sudden OD but no other nasal/respiratory symptoms od COVID 19 tested positive



Eliezer M et al, *JAMA Otolaryngol Neck Surg.* 2020

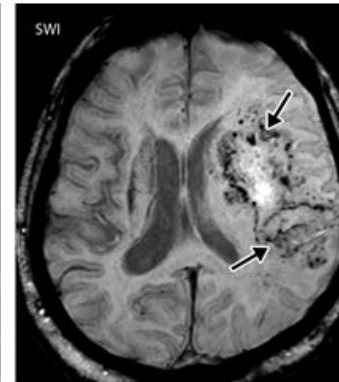
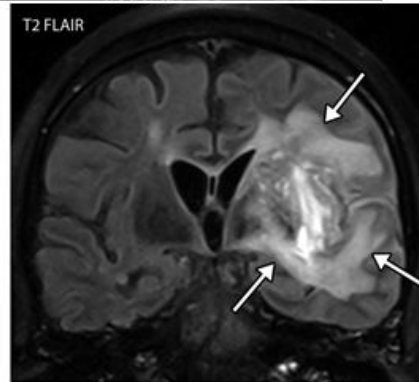
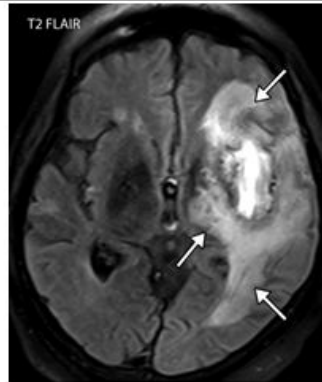
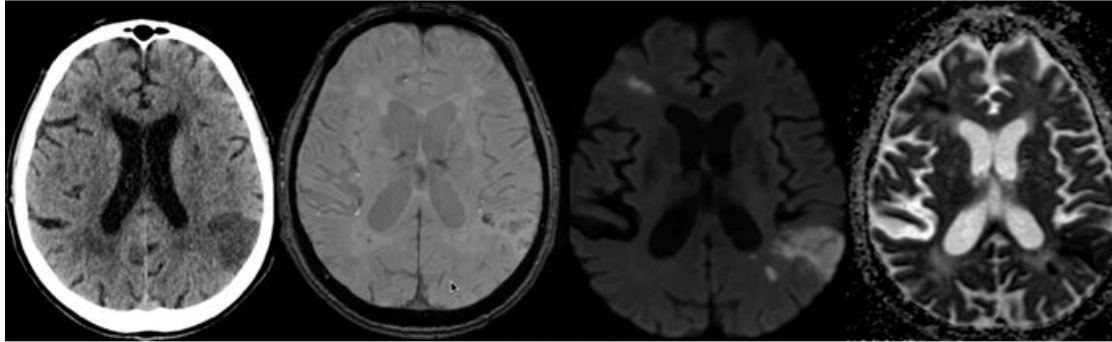


COVID COMPLICANZE NEUROLOGICHE





COVID COMPLICANZE NEUROLOGICHE





COVID COMPLICANZE ADDOMINALI

Multisystem Imaging Manifestations of COVID-19, Part 2: From Cardiac Complications to Pediatric Manifestations

RadioGraphics 2020; 40:1866-1892

- Gastro-intestinale 30%
- Fegato e Vie Biliari 20-50%
- Pancreas 15%
- Apparato Urologico 20-40%



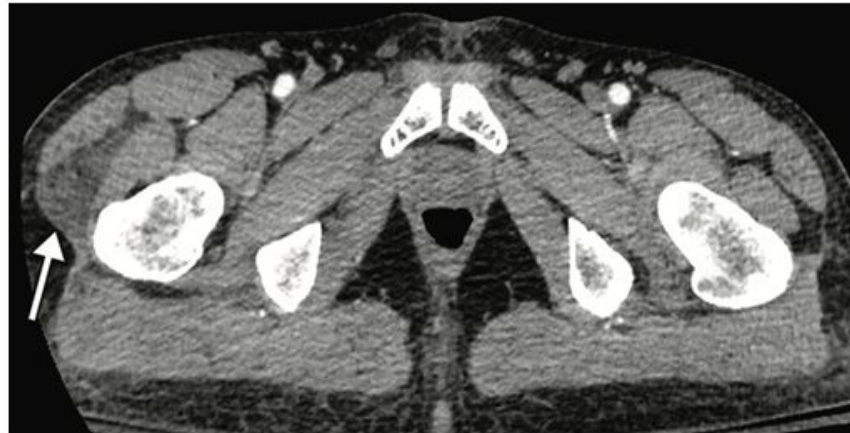


COVID COMPLICANZE MUSCOLARI

Multisystem Imaging Manifestations of COVID-19, Part 2: From Cardiac Complications to Pediatric Manifestations

RadioGraphics 2020; 40:1866-1892

Rabdomiolisi



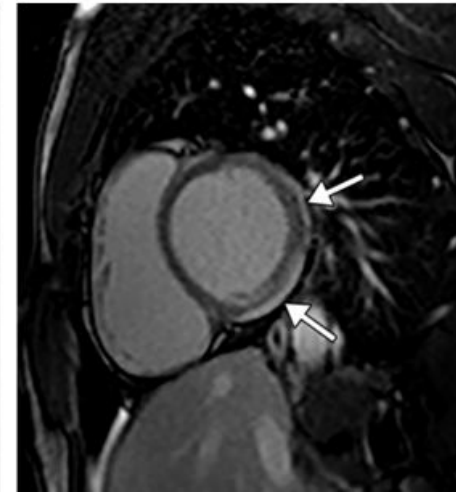
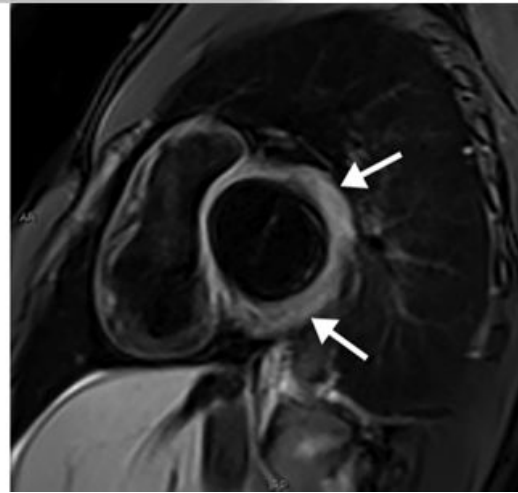
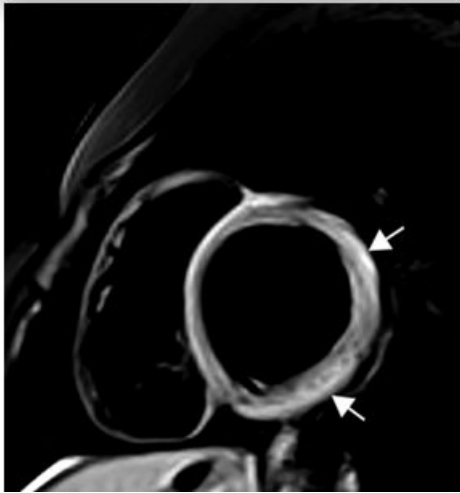


COVID COMPLICANZE CARDIACHE

The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients

**ESC**European Society
of CardiologyEuropean Heart Journal - Cardiovascular Imaging (2020) 0, 1–6
doi:10.1093/ehjci/jeaa136

Bernard Cosyns^{1,2*}, Stijn Lochy¹, Maria Luiza Luchian¹, Alessia Gimelli⁴, Gianluca Pontone⁵, Sabine D. Allard³, Johan de Mey⁶, Peter Rosseel^{7,8}, Marc Dweck⁹, Steffen E. Petersen^{10,11}, and Thor Edvardsen¹²; on behalf of the European Association of Cardiovascular Imaging (EACVI)





What we know about Long-term effects of COVID-19

THE LATEST ON THE COVID-19 GLOBAL SITUATION & LONG-TERM SEQUELAE



EPI • WIN

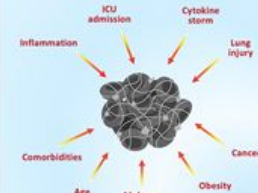
infodemic
MANAGEMENT

COVID-19 may increase the risk of long-term health problems

Body systems and organs that can be affected :

- **Heart**
 - Damage to heart muscle, heart failure
- **Lungs**
 - Damage to lung tissue and restrictive lung failure
- **Brain and the nervous system**
 - Loss of sense of smell (anosmia)
 - Consequences of thrombo-embolic events such as pulmonary embolism, heart attack, stroke
 - Cognitive impairment (e.g. memory and concentration)
- **Mental health**
 - Anxiety, depression, post-traumatic stress disorder and sleep disturbance
- **Musculoskeletal and others**
 - Pain in joint and muscles
 - Fatigue

COVID-19 related risk factors for venous thromboembolism



Symptoms which may persist:

- **Fatigue**
- **Cough, congestion or shortness of breath**
- **Loss of taste or smell**
- **Headache, body aches**
- **Diarrhea, nausea**
- **Chest or abdominal pain**
- **Confusion**



FOLLOW-UP POST COVID

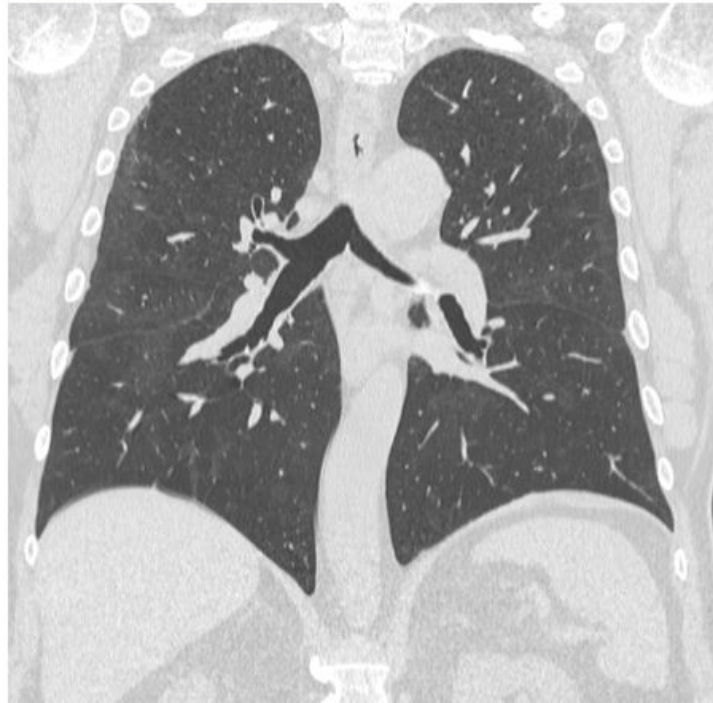
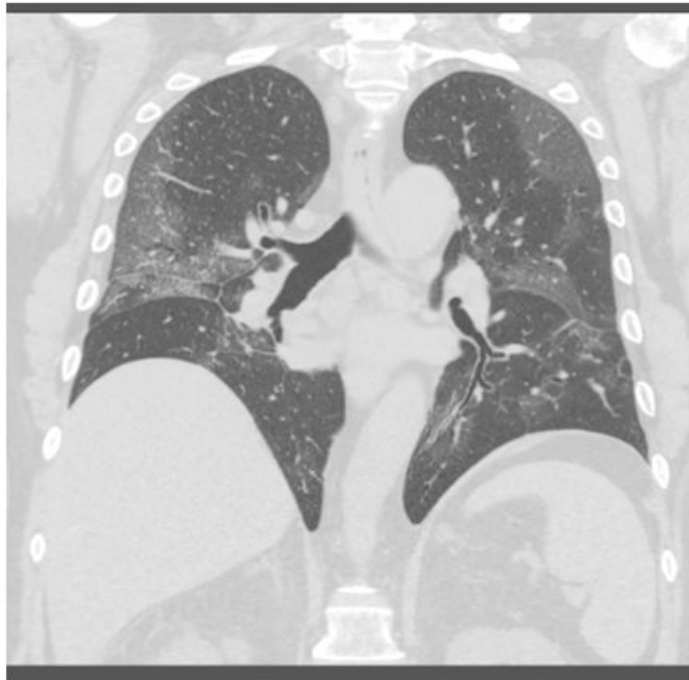


AMBULATORIO MULTIDISCIPLINARE

- Pneumologo
- Cardiologo
- Fisiatra
- Radiologo
- IP
- Fisioterapista

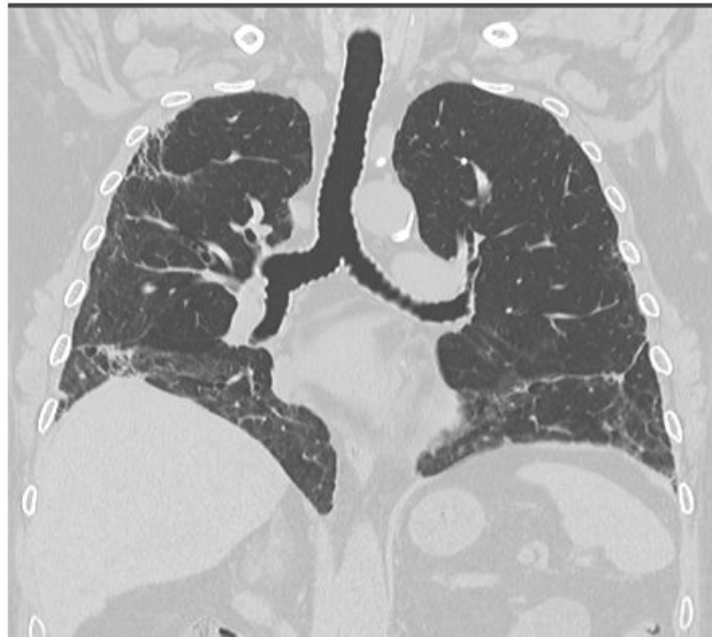
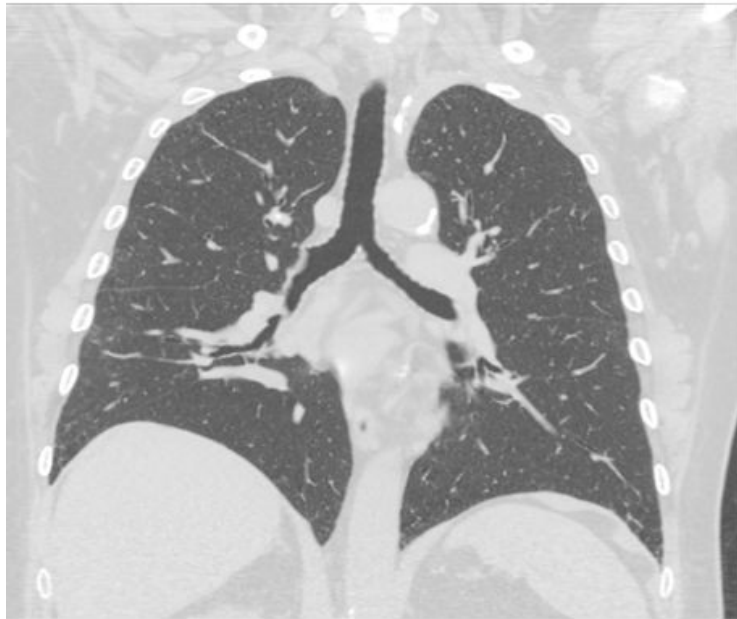


FOLLOW-UP POST COVID





FOLLOW-UP POST COVID





**GRAZIE DELL'
ATTENZIONE**

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