The role of cardiac CT during the COVID-19 pandemic

Main role of coronary computed tomography angiography (CCTA) is to rule out obstruction in patients with suspected coronary artery disease (but no ST-elevation myocardial infarction), and to alleviate invasive cardiology of unnecessary diagnostic procedures. This is especially useful in situation of COVID-19 pandemic, since CCTA can be performed in outpatient setting, with very short times of personnel to patient exposure. In 2020 we had 1393 patients on CCTA (a 30% increase from 2019), and in 69% we excluded obstructive coronary artery disease. We believe this shows that CCTA as first line strategy can, when appropriate, relieve invasive cardiology, and comparatively reduce COVID-19 transmission channels.

LITERATURE