

# COVID-19 Evidence Bulletin

3<sup>rd</sup> July 2020

Details of new guidance and evidence relating to the response to COVID-19. Please check SaTH, NHS and Government guidance in conjunction with these resources where necessary.

## General

**Coronavirus disease 2019 (COVID-19): Epidemiology, virology, and prevention** [evidence summary from UpToDate]

Available [here](#). Updated 28<sup>th</sup> June

**Coronavirus disease 2019 (COVID-19): Outpatient management in adults** [evidence summary from UpToDate]

Available [here](#). Updated 30<sup>th</sup> June

**Coronavirus disease 2019 (COVID-19)** [evidence update from BMJ Best Practice]

Available [here](#). Updated 1<sup>st</sup> July

**Ward working scenarios – (Buddy system) during COVID Pandemic** [SaTH]

Available on [SaTH Intranet](#)

## Cancer

**Coronavirus disease 2019 (COVID-19): Cancer care during the pandemic** [evidence summary from UpToDate]

Available [here](#). Updated 29<sup>th</sup> June

## Critical Care

**Clinical guide for the management of critical care for adults with COVID-19 during the Coronavirus pandemic** [ICM Anaesthesia COVID-19]

[This clinical guidance provides contemporary information on the care of critically ill adult patients with COVID-19 to practising clinicians at the bedside. Version 3 updates the previous NHS England guideline published on 8th April 2020]

Available [here](#)

**Coronavirus disease 2019 (COVID-19): Critical care and airway management issues** [evidence summary from UpToDate]

Available [here](#). Updated 26<sup>th</sup> June

## Cardiovascular Care

### **Clinical guide for the prevention, detection and management of thromboembolic disease in patients with COVID-19** [Royal College of Physicians]

[Several studies have demonstrated coagulation changes in patients with COVID-19, especially in those with severe disease, and this is associated with a worse prognosis. Emerging data, alongside recent clinical experience, have suggested a high prevalence of venous thromboembolism (VTE) in patients with COVID-19. This document provides guidance on the prevention, diagnosis and management of VTE in patients with COVID-19 who are seen in hospital.]

Available [here](#)

## Dexamethasone

### **Effect of Dexamethasone in Hospitalized Patients with COVID-19 – Preliminary Report** [medRxiv]

[Preliminary report of the findings of the RECOVERY trial. Not yet peer-reviewed. In patients hospitalized with COVID-19, dexamethasone reduced 28-day mortality among those receiving invasive mechanical ventilation or oxygen at randomization, but not among patients not receiving respiratory support.]

Available [here](#)

## End of Life

### **COVID 19 & End of Life Care / Care after Death** [SaTH]

Available on [SaTH Intranet](#). Updated 22<sup>nd</sup> June.

## Neonatology

### **COVID-19 - guidance for neonatal settings** [British Association of Perinatal Medicine]

[Parents and visitors to NNU: updated RCM breastfeeding review information and download added. Breastfeeding by suspected or confirmed COVID-19 mothers: RCM breastfeeding review information added.]

Available [here](#)

## Nutrition

### **COVID-19 rapid evidence summary: vitamin D for COVID-19** [NICE]

[This evidence summary sets out the best available evidence on vitamin D for preventing or treating COVID-19, or for the susceptibility to COVID-19 based on vitamin D status. Treating or preventing acute respiratory tract infections more generally was out of scope. The Scientific Advisory Committee on Nutrition (SACN) has published a report on vitamin D and acute respiratory tract infections.]

Available [here](#)

## Pharmacology

**Non-steroidal anti-inflammatory drugs in management of COVID-19; A systematic review on current evidence** [Yousefifard M. *International Journal of Clinical Practice* 2020;;e13557.]

[Although NSAIDs have been effective in treating respiratory infections caused by influenza and rhinovirus, since there is no clinical trial on COVID-19 and case-reports and clinical experiences are indicative of elongation of treatment duration and exacerbation of the clinical course of patients with COVID-19, it is recommended to use substitutes such as acetaminophen for controlling fever and inflammation and be cautious about using NSAIDs.]

Available [here](#)

## Rehabilitation

**Systematic rapid living review on rehabilitation needs due to Covid-19.** Andrenelli E et al. *European Journal of Physical and Rehabilitation Medicine*.

[Since the previous update to this systematic rapid living review, the number of primary studies has increased, with six reports on prevalence and characteristics of disability after COVID-19, with 12 papers on rehabilitation approaches and 25 on how rehabilitation services are organised. The authors highlight that all patients with disability, regardless of COVID-19 are negatively impacted by restrictions to rehabilitation delivery.]

Available [here](#)

## Renal Care

**COVID 19 rapid guideline: renal transplantation** [NICE]

[This guideline covers children, young people and adults who need or who have had a kidney transplant, and people who are donating a kidney (live donors). It also advises transplant and referring centres on how to run their services, while keeping them safe for patients, donors and staff during the COVID-19 pandemic.]

Available [here](#)

**COVID-19 rapid guideline: chronic kidney disease** [NICE]

[The purpose of this guideline is to maximise the safety of adults with chronic kidney disease during the COVID-19 pandemic. It also aims to protect staff from infection and enable services to make the best use of NHS resources.]

Available [here](#)

## Respiratory Care

**COVID-19 rapid guideline: interstitial lung disease** [NICE]

[The purpose of this guideline is to maximise the safety of adults with interstitial lung disease, including idiopathic pulmonary fibrosis and pulmonary sarcoidosis, during the COVID-19 pandemic. It also aims to protect staff from infection and enable services to make the best use of NHS resources.]

Available [here](#)

## Surgery

### **Elective surgery during COVID-19** [Royal College of Surgeons]

[Responses [to a survey conducted by the RCSEng] have highlighted the range of challenges currently faced by surgical teams, including slow access to test results, continuing difficulty accessing COVID-light facilities and a lack of interdependent services such as diagnostics. In response to these challenges [the College is] making a series of urgent recommendations for action, to restore surgery safely across the country.]

Available [here](#)

## KnowledgeShare Evidence Alerts

KnowledgeShare contains many updates on COVID-19 that can be accessed from the [KnowledgeShare website](#) without a password. If you'd like to receive these by email (along with updates on any other topics of interest) please complete the [form](#).

### About this bulletin

The COVID-19 Evidence Bulletin is prepared by Shrewsbury and Telford Health Libraries. Links to the full-text of items listed is provided where available, but if you need copies of any items where no full-text is available, please request them the [Article Request](#) form. Some items require an [NHS OpenAthens](#) account.

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