COVIDTrach COVID	DTrach   FSSA     ##@%3@@@%@@	
REDCap ID	(Priority data are underlined)	
Admin		
Hospital name:		
NHS email of nominated site lead:		
Name of individual(s) completing this survey:		
Specialty of individual(s) completing this survey?	SurgicalIntensiveOtherSpecialtyCare	
Patient demographics and medical history		
Age	Gender Female Male	
Weight (kg)	Height/Length (cm)	
Comorbidity (tick all that apply)	None	
Asthma	Diabetes	
Cancer	Heart failure	
Chronic kidney disease	Hypertension	
COPD	Immunosuppression	
Coronary artery disease	Stroke	
Smoking status Current smoker	Ex smoker	
Non-smoker		
Was an ICU/Health scoring system used?SOFA scoreAPACHE scoreFrailty score	Indicate scores for all that apply CURB765 score ICNARC score	
Was the patient prescribed anticoagulants or antiplatelets (not including prophylactic LMWH)?		

## COVIDTrach spreadsheet

COVIDIrach	COVIE	)Trach	FSSA Federation of Surgical Specialty Associations
REDCap ID		<u>(Priority data ar</u>	e underlined)
	c support at the time of track	neostomy?	
What was the last recorded	I CRP before tracheostomy?		
If 'YES', is the CRP trendi	ng downwards? Y	Ν	
How many days before the	tracheostomy did the patien	t have a pyrexia (>37.5C)?	_
Day of tracheostomy		1-2 days before	
3-4 days before		5 days before or greater	
Neck factors affecting track	eostomy	None	]
Central neck scar		Restricted neck extension	]
Obese neck	]	Anterior blood vessel on ultras	ound
Was the patient proven to	pe COVID-19 test positive du	ring the admission to hospital?	YN
Did the patient have a nega	ative COVID-19 swab? Y	Ν	
How many COVID-19 tests	were performed between ad	mission and tracheostomy?	
How many days were there	e from the last COVID-19 swa	ab and the tracheostomy?	
Outcome of LAST COVID-19 swab before the tracheostomy? (+)ve (-)ve (-)ve			
Outcome of the SECOND TO LAST COVID-19 swab before the tracheostomy? (+)ve (-)ve (-)ve			
How many days between a	dmission to hospital andintul	bation?	
Was there a period of non-invasive ventilation beforeintubation and mechanical ventilation?			
Ventilatory requirements a	t the time of tracheostomy		
How many days of invasive mechanical ventilation before the day of tracheostomy?			
What was the FiO2 (%) requirement the day of the tracheostomy?			
What was the pO2 (kPa) at the time of tracheostomy?			
What was the PEEP setting (cmH2O) at the time of the tracheostomy?			
Was a cuff leak test performed before tracheostomy?			
If 'YES' What was the outcome of the cuff leak test? No cuff leak Cuff leak			
Tracheostomy			
What was the indication for the tracheostomy?			
Filed extubation	] To free up ICU b	eds 🗌 Pallia	ation 🗌
Anticipated prolonged wean	Absence of a cuf	fleak	

## COVIDTrach spreadsheet

COVIDTrach	COVIDTrach	FSSA Federation of Burgical Specialty Associa	ations	
REDCap ID	(Priority data are	underlined)		
How many failed extubatio	ons?			
Indicate the speacilty of	ENT OMFS Thoracic General Surgery ICU	Other	N/A	
The lead operator			-	
The other operator				
Grade of lead operator	Consultant Middle Grade			
Grade of assistant	Consultant Middle Grade No surgi	cal assistant 🗌		
Where did the tracheostom	y take place? Operating room Intensive	care		
Was the tracheostomy perf	formed in a negative pressure environment?	]		
Method of tracheostomy	Open Percutaneous Hybrid			
If percutaneous, which m	nethod was used for guidance?			
None	Bronchoscope Ultras	ound		
Laryngoscopy / direct	vision Other			
Type of tracheostomy tube	Cuffed Uncuffed Fenestrated	Unfenestrated		
Brand of tracheostomy tube	e Portex Shiley Trachotwist	Other [		
Size of tracheostomy tube	6 7 7 7.5 8 9			
Adjustable flange tube	YN			
Were there any complication	on(s) during tracheostomy?			
If 'YES' Type of complica	ntion(s)			
Bleeding	Cuff tear Displaced to	ube [		
Tube in false passage	Desaturation below 80% Haemodyna	mic instability		
Cardiac arrhythmia	Tracheal ring fracture			
Other complication(s)	- give details			
Did the patient survive the tracheostomy procedure?				
If 'NO', what was the cau	use of death?			
What PPE was used by the	surgical team during the tracheostomy?			
Double gloves	Full length disposable apron   FFP3 mask	FFP2 mask		
Face visor	Disposable shoe/boot cover  PAPR Hood			
Surgical gown	Surgical mask Disposable fluid-i	resistant hood		
If the patient has NOT survived the questionnaire stops here, remember to also complete the "Healthcare Professional Wellness" section			e	

COVIDTrach	COVIDTr	ach	FSSA Federation of Surgical Specialty Associations
REDCap ID		(Priority data are ur	nderlined)
	omy and successful wean from mechn	ical ventilation	
Has the patient died betw wean from mechanical ve	veen tracheostomy and successful entilation?	ΥΝ	
	rs from tracheostomy to death?		
If 'YES', cause of death	was Covid related Trac	cheostomy related	Other
At the time of completing successfully weaned from	this part of the survey, has the patien mechanical ventilation?	t been Y N	
How many days from the	tracheostomy to the day of completing	g this part of the survey?	
How many days from tracheostomy to successful weaning from			
Was non-invasive mechanical ventilation used after successful weaning Y			
Were there any failed wean attempts from mechnical ventilation after Y			
If 'NO', how many failed wean attempts from invasive mechanical ventilation after tracheostomy?			
How many days from tracheostomy to the day that sedation has been stopped for greater than 24 hours? Day 0 = date of tracheostomy			
Were there any tracheost	omy related complication(s) during thi	is period? Y N	
If 'YES', complication(s	1		
Bleeding	Tube in	n false passage	
Cuff leak	Blocked	d tube	
Cuff tear	Trachea	al granulation	
Displaced tube	Other (	give details):	
If 'CUFF LEAK', was the tracheostomy tube changed ude to cuff leak?			
If 'YES' how many times was the tube changed due to a cuff leak at the time of cmpleting this part of the survey?			
Has the patient been discharged from Intensive Care?			
How many days from tracheostomy to discharge from Intensive Care?			
<u>Day 0 = date of tracheost</u>			
If the patient has NOT survived the questionnaire stops here, remember to also complete the "Healthcare Professional Wellness" section			



Period between cessation of mechanical ventilation anddischarge from hospital			
Were there any tracheotomy related complication(s) during this period?			
If 'YES', complication(s)			
Bleeding Tu	be in false passage		
Cuff tear Blo	ocked tube		
Displaced tube	acheal granulation		
Other (give details):			
Was a closed circuit maintained after successful weaning fr	om mechanical ventilation? Y N		
How many days from tracheostomy to first tube change? Day 0 = date of tracheostomy			
Was tracheostomy decannulation successful?	ΥΝ		
How many days from cessation of mechanical ventilation to decannulation? Day 0 = day of successful wean			
Did the patient survive the period between cessation of mechanical ventilation and discharge from hospital?	ΥΝ		
If 'NO', How many days from tracheostomy to death? Day 0 = date of tracheostomy			
If NO', cause of death was Covid related Tra	acheostomy related Other		
Was the patient discharged from hospital within 28 days of the tracheostomy?	ΥΝ		
How many days from tracheostomy to discharge from hospital? Day 0 = date of tracheostomy			
Healthcare Professional Wellness			
This section must be completed for each patient			
Did any of the operators performing the tracheostomy test positive for COVID-19 within two weeks of the procedure?	ΥΝ		
Which operator? Main	Assistant		

Both

Unsure