

Rapid rEcognition of COrticosteroid Resistant or sensitive Sepsis - RECORDS

A Multicentre Concealed-Allocation Multi-arms Blinded Randomized Controlled Trial to Identify
the Best Sepsis Population for Corticotherapy

Addenda

INTERVENTIONAL RESEARCH PROTOCOL INVOLVING HUMAN PARTICIPANTS
CONCERNING A MEDICINAL PRODUCT FOR HUMAN USE

Version N°3.0 dated 03/03/2021

Project Code: APHP191110 / EUDRACT no: 2020-000296-21

15.1 LIST OF INVESTIGATORS

(Cf liste investigateur en vigueur)

15.2 SERIOUS ADVERSE EVENTS NOTIFICATION FORM

Direction de la Recherche Clinique et de l'Innovation (DRCI)		PARTIE RÉSERVÉE AU PROMOTEUR REFERENCE VIGILANCE : Référence GED : REC-DTYP-0192
	Formulaire de notification d'un Evènement Indésirable Grave (EIG) survenant au cours d'une recherche impliquant la personne humaine portant sur un Médicament ou produit assimilé	

Dès la prise de connaissance de l'EIG par l'investigateur, ce formulaire doit être dûment complété (3 pages), signé et retourné sans délai au secteur Vigilance de la DRCI par courriel à l'adresse eig-vigilance.drc@aphp.fr. Il est à noter qu'il est possible de transmettre les EIG au secteur Vigilance par télécopie au +33 (0) 1 44 84 17 99 uniquement en cas de tentative infructueuse d'envoi des EIG par mail (afin d'éviter les doublons).

Notification initiale ☐

Suivi d'EIG ☐ N° du suivi |__|__|

1. Identification de la recherche
Acronyme : RECORDS
Code de la Recherche : APHP191110
Risque : B

Date de notification :

|__|__| |__|__| |2|0|__|__|
jj mm aaaa

Date de prise de connaissance de l'EIG par l'investigateur :

|__|__| |__|__| |2|0|__|__|
jj mm aaaa

Titre complet de la recherche : Reconnaissance rapide des sEpsis sensibles ou résistants aux CORTicostéroïDeS .

2. Identification du centre investigateur	
Nom de l'établissement :	Investigateur (nom/prénom) :
Ville et code postal :	Tél : Fax :
Service :	

3. Identification et antécédents de la personne se prêtant à la recherche	
Référence de la personne : __ __ - __ __ __ - __ - __ n°centre - n° ordre de sélection - initiale - initiale nom prénom	
Sexe : ☐ M ☐ F	Date de naissance : __ __ __ __ __ __ __ __ jj mm aaaa
Poids : __ __ __ kg Taille : __ __ __ cm	Age : __ __ __ ans
Date de signature du consentement : __ __ __ __ 2 0 __ __ jj mm aaaa	
Date de randomisation : __ __ __ __ 2 0 __ __ jj mm aaaa	☐ Groupe COVID POSITIF ☐ Groupe COVID NEGATIF - Strate Biomarqueur : ☐ Groupe CIRCI (à compléter*) ☐ Groupe Endocan(à compléter*) ☐ Groupe Gilz(à compléter*) ☐ Groupe DPC (à compléter*) ☐ Groupe SRS2 (à compléter*) ☐ Groupe Endotype B (à compléter*) ☐ Groupe influenza (à compléter*) ☐ Other respiratory viruses : please specify N° traitement :

4. Médicament(s) expérimental(aux) (ME) ou produit(s) assimilé(s) [préciser le(s)quel(s)] avant la survenue de l'EIG (barrer l'encadré si traitement non débuté)					
Nom commercial (de préférence) ou Dénomination Commune Internationale	Voie ⁽¹⁾	Posologie (préciser l'unité ex : mg/j)	Date de début (jj/mm/aaaa)	En cours ⁽²⁾	Date de fin (jj/mm/aaaa)
Fludrocortisone/ Placébo Fludrocortisone	Sonde digestiv e		_ _ _ _ _ _ _ 2_ 0_ _ _	☐	_ _ _ _ _ _ _ 2_ 0_ _ _
Hydrocortisone/ Placébo Hydrocortisone	IV		_ _ _ _ _ _ _ 2_ 0_ _ _	☐	_ _ _ _ _ _ _ 2_ 0_ _ _

5. Procédures et actes ajoutés par la recherche (prélèvement sanguin et urinaire) (barrer l'encadré si procédures et actes non réalisés)	Date de réalisation (jj/mm/aaaa)	Chronologie	
		Avant la survenue de l'EIG	Après la survenue de l'EIG
.....	_ _ _ _ _ _ _ 2_ 0_ _ _	☐	☐
.....	_ _ _ _ _ _ _ 2_ 0_ _ _	☐	☐

Aronyme : RECORDS

Référence de la personne se prêtant à la recherche : |_|_|_|_| - |_|_|_|_| - |_|_| - |_|_|
n°centre - n° ordre de sélection - initiale - initiale
nom prénom

6. Médicament(s) concomitant(s) au moment de l'EIG, à l'exclusion de ceux utilisés pour traiter l'événement indésirable (compléter le tableau ci-après et si nécessaire l'annexe relative aux médicaments concomitants ou barrer l'encadré si non applicable) ⇒ Annexe jointe au présent formulaire : ☐ Oui ☐ Non							
Nom commercial (de préférence) ou Dénomination Commune Internationale	Voie ⁽¹⁾	Posologie (préciser l'unité ex : mg/j)	Dates d'administration (du jj/mm/aa au jj/mm/aa)	En cours (2)	Indication	Action prise 0 : poursuite sans modification de la posologie 1 : arrêt 2 : diminution de la posologie 3 : augmentation de la posologie 4 : ne sais pas	Causalité de l'EIG 0 : non lié au médicament 1 : lié au médicament 2 : ne sais pas
Dexaméthasone (groupe COVID +)	IV		du _ _ _ _ _ _ _ au _ _ _ _ _ _ _	☐			
			du _ _ _ _ _ _ _ au _ _ _ _ _ _ _	☐			

Voie d'administration : VO=voie orale ; IM=Intramusculaire ; IV=intraveineuse ; SC=sous-cutanée ou autre (à préciser) (2) En cours au moment de la survenue de l'EIG

7. Evènement indésirable grave [EIG]		
Diagnostic : ☐ Définitif ☐ Provisoire		Organe(s) concerné(s) :
Date de survenue des premiers symptômes : _ _ _ _ _ _ _ 2_ 0_ _ _ Préciser lesquels :		
Date d'apparition de l'EIG : _ _ _ _ _ _ _ 2_ 0_ _ _ jj mm aaaa Heure de survenue : _ _ hh _ _ min ☐ donnée manquante	Délai entre la date de la dernière administration du ME/produit assimilé ou la date de procédure/acte ajouté par la recherche et la date de survenue de l'EIG : _ _ _ / _ _ _ _ _ _ _ jj hh min Critères de gravité : ☐ Nécessite ou prolonge l'hospitalisation : du _ _ _ _ _ _ _ 2_ 0_ _ _	

Acronyme : RECORDS

Référence de la personne se prêtant à la recherche :

				-								-				-		
n°centre				n° ordre de sélection				nom		initiale		initiale		prénom				

Evolution de l'événement																																																			
☐ Décès ☐ sans relation avec l'EIG ☐ en relation avec l'EIG ☐ Résolu : ☐ sans séquelles ☐ avec séquelles, préciser lesquelles :	Date : <table border="0"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td colspan="2">jj</td><td colspan="2">mm</td><td colspan="4">aaaa</td><td colspan="2"></td></tr></table> Date : <table border="0"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td colspan="2">jj</td><td colspan="2">mm</td><td colspan="4">aaaa</td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">hh</td><td colspan="4">min</td><td colspan="2"></td></tr></table>											jj		mm		aaaa																jj		mm		aaaa								hh		min					
jj		mm		aaaa																																															
jj		mm		aaaa																																															
		hh		min																																															
☐ Sujet non encore rétabli , préciser : ☐ Etat stable ☐ Amélioration ☐ Aggravation ☐ Evolution inconnue																																																			

8. Autre(s) étiologie(s) envisagée(s)
☐ Non ☐ Oui Si oui, préciser :

9. Examen(s) complémentaire(s) réalisé(s)
☐ Non ☐ Oui Si oui, préciser date, nature et résultats : [joindre les bilans anonymisés].....

10. Selon l'investigateur, l'événement indésirable grave est (plusieurs cases possibles)
Lié à la recherche : ☐ Oui : ☐ au(x) médicament(s)/produit(s) assimilé(s) de la recherche : le(s)quel(s) ? Fludrocortisone : ☐ Relation certaine ☐ Relation probable ☐ Relation possible ☐ Relation improbable (non exclue) Hydrocortisone : ☐ Relation certaine ☐ Relation probable ☐ Relation possible ☐ Relation improbable (non exclue) ☐ à la (aux) procédure(s)/acte(s) de la recherche : la/le(s)quel(les) ? La/lequel(le) : ☐ Relation certaine ☐ Relation probable ☐ Relation possible ☐ Relation improbable (non exclue) La/lequel(le) : ☐ Relation certaine ☐ Relation probable ☐ Relation possible ☐ Relation improbable (non exclue) ☐ Non : ☐ à la progression de la maladie faisant l'objet de la recherche : (à compléter) ☐ à un (ou plusieurs) médicament(s) concomitant(s) administré(s), le(s)quel(s) : ☐ à une maladie intercurrente, laquelle : ☐ autre, préciser :

Notificateur	Investigateur	Tampon du service :
Nom et fonction : Signature	Nom : Signature	

Direction de l'Organisation Médicale et des relations avec les Universités (DOMU) Délégation à la Recherche Clinique et à l'Innovation (DRCI)	ASSISTANCE PUBLIQUE HÔPITAUX DE PARIS	PARTIE RÉSERVÉE AU PROMOTEUR REFERENCE INTERNE : Référence GED : REC-DTYP-0286
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Liste relative aux médicaments concomitants
utilisés dans le cadre d'une recherche impliquant la personne humaine :
Annexe au formulaire de notification d'un Evénement Indésirable Grave (EIG)

Dès la prise de connaissance de l'EIG par l'investigateur, ce document doit être dûment complété, signé et retourné sans délai au secteur Vigilance de la DRCI par télécopie au +33 (0)1 44 84 17 99 avec le formulaire de notification d'EIG complété

Notification initiale ☐ Suivi d'EIG ☐ N° du suivi | | |

Acronyme : RECORDS	Investigateur (nom/prénom) :	
	Service :	Tél. : Fax :
Référence de la personne se prêtant à la recherche : - - n°centre - n° ordre de sélection - Initiale - Initiale nom prénom		
REPORTER TOUS LES MÉDICAMENTS CONCOMITANTS AU MOMENT DE L'EIG, À L'EXCLUSION DE CEUX UTILISÉS POUR TRAITER L'ÉVÉNEMENT INDÉSIRABLE :		

Nom commercial (de préférence) ou Dénomination Commune Internationale	Voie ⁽¹⁾	Posologie (préciser l'unité ex : mg/l)	Dates d'administration (du jj/mm/aa au jj/mm/aa)	En cours ⁽²⁾	Indication	Action prise sans modification de la posologie 0 : poursuite 1 : arrêt 2 : diminution de la posologie 3 : augmentation de la posologie 4 : ne sais pas	Causalité de l'EIG 0 : non lié au médicament 1 : lié au médicament 2 : ne sais pas
			du au	☐			
			du au	☐			
			du au	☐			
			du au	☐			
			du au	☐			
			du au	☐			
			du au	☐			
			du au	☐			

(1) Voie d'administration : VO=voie orale ; IM=intramusculaire ; IV=intraveineuse ; SC=sous-cutanée ou autre (à préciser) (2) En cours au moment de la survenue de l'EIG

Notificateur	Investigateur	Tampon du service :
Nom et fonction :	Nom :	
Signature :	Signature :	

15.3 PREGNANCY NOTIFICATION FORM

Direction de la Recherche Clinique et de l'Innovation (DRCI)	ASSISTANCE PUBLIQUE  HÔPITAUX DE PARIS	PARTIE RÉSERVÉE AU PROMOTEUR RÉFÉRENCE INTERNE : Référence GED : REC-DTYP-0185
	Notification et suivi d'une grossesse apparue au cours d'une recherche portant sur un Médicament ou produit assimilé	

Dès la prise de connaissance de l'EIG par l'investigateur, ce formulaire doit être dûment complété (3 pages), signé et retourné sans délai au secteur Vigilance de la DRCI par courriel à l'adresse eig-vigilance.drc@aphp.fr. Il est à noter qu'il est possible de transmettre les EIG au secteur Vigilance par télécopie au +33 (0) 1 44 84 17 99 uniquement en cas de tentative infructueuse d'envoi des EIG par mail (afin d'éviter les doublons).

1. Identification de la recherche Acronyme : RECORDS Code de la recherche : APHP191110		Notification initiale ☐ Suivi de notification ☐ N° du suivi __ __
Date de notification : __ __ __ __ 2_ 0_ __ __ jj mm aaaa		Date de prise de connaissance de la grossesse __ __ __ __ 2_ 0_ __ __ l'investigateur : jj mm aaaa
Titre complet de la Recherche : Reconnaissance rapide des sEpsis sensibles ou résistants aux CORTicostéroïDeS		
2. Identification du centre investigateur		
Nom de l'établissement : Ville et code postal : Service :	Investigateur (nom/prénom) : Tél : Fax :	
3. Identification de la personne présentant une grossesse		
Référence de la personne : __ __ - __ __ - __ - __ initiale n°centre - n° ordre de sélection - initiale - nom prénom Date de naissance : __ __ __ __ Date d'inclusion : __ __ __ __ 2_ 0_ __ __ Date de randomisation : __ __ __ __ 2_ 0_ __ __ ☐ Groupe COVID POSITIF ☐ Groupe COVID NEGATIF - Strate Biomarqueur : ☐ Groupe CIRCI (à compléter*) ☐ Groupe Endocan (à compléter*) ☐ Groupe Gilz (à compléter*) ☐ Groupe DPC (à compléter*) ☐ Groupe SRS2 (à compléter*) ☐ Groupe Endotype B (à compléter*) ☐ Groupe influenza (à compléter*) ☐ other respiratory viruses : please specify	Cas particulier d'une exposition paternelle : ☐ Oui ☐ Non Référence de la personne : __ __ - __ __ - __ - __ n°centre - n° ordre de sélection - initiale - initiale nom prénom Date de naissance : __ __ __ __ __ __ __ __ Date d'inclusion : __ __ __ __ 2_ 0_ __ __ Date de randomisation : __ __ __ __ 2_ 0_ __ __ ☐ Groupe COVID POSITIF ☐ Groupe COVID NEGATIF - Strate Biomarqueur : ☐ Groupe CIRCI (à compléter*) ☐ Groupe Endocan (à compléter*) ☐ Groupe Gilz (à compléter*) ☐ Groupe DPC (à compléter*) ☐ Groupe SRS2 (à compléter*) ☐ Groupe Endotype B (à compléter*) ☐ Groupe influenza (à compléter*) ☐ other respiratory viruses : please specify NN° traitement () :	

Expositions au cours de la grossesse :

Tabac :	☐ non	☐ oui (préciser nombre de paquets/année) :	☐ arrêt (préciser date) :	☐ poursuite
Alcool :	☐ non	☐ oui (préciser unités OH) :	☐ arrêt (préciser date) :	☐ poursuite
Drogue :	☐ non	☐ oui (préciser substance) :	☐ arrêt (préciser date) :	☐ poursuite
Autre (préciser) :				

Médicaux :	Chirurgicaux :
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5. Médicament(s) expérimental (aux) administré(s) ou non pendant la grossesse ou s'il s'agit une exposition paternelle

(1) Voie d'administration : VO=voie orale ; IM=Intramusculaire ; IV=intraveineuse ; SC=sous-cutanée ou autre (à préciser)

Acronyme : RECORDS

Référence de la personne : |__|__|__| - |__|__|__| - |__| - |__|
n°centre - n° ordre de sélection - initiale - initiale
 nom prénom

(Cf. annexe « Liste relative aux médicaments concomitants » complétée : ☐ Oui ☐ Non applicable)

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		☐ En cours	
<i>(1) Voie d'administration : VO=voie orale ; IM=Intramusculaire ; IV=intraveineuse ; SC=sous-cutanée ou autre (à préciser)</i>			
8. Suivi de la grossesse			
☐ Echographiques. Date(s) et résultats à préciser (<i>joindre les CR anonymisés</i>) :			
☐ Autres examens. Date(s) et résultats à préciser (<i>joindre les CR anonymisés</i>) :			
9. Grossesse en cours ☐ (faxer un nouveau formulaire complété à l'issue de la grossesse pour le suivi de la notification initiale) ou issue de la grossesse ☐ (compléter ci-dessous)			
Date : _ _ _ _ _2_ _0_ _ _ Terme : _ _ SA _ _ J			
☐ Fausse couche → Examen anatomo-pathologique disponible : ☐ Non ☐ Oui, précisez le résultat :			
☐ Grossesse extra-utérine → Examen anatomo-pathologique disponible : ☐ Non ☐ Oui, précisez le résultat :			
☐ Interruption de grossesse → Raison : → Examen anatomo-pathologique disponible : ☐ Non ☐ Oui, précisez le résultat :			
☐ Accouchement : ☐ Spontané ☐ Provoqué ☐ Voie basse ☐ Césarienne			
Naissance multiple : ☐ Non ☐ Oui, précisez le nombre : Souffrance fœtale : ☐ Non ☐ Oui, précisez : Mort-né : ☐ Non ☐ Oui, précisez : Placenta normal : ☐ Oui ☐ Non, précisez : Liquide amniotique : ☐ Clair ☐ Autre, précisez : Anesthésie : ☐ Générale ☐ Péridurale ☐ Rachianesthésie ☐ Aucune			
10. Nouveau-né (Si naissance multiple, compléter les parties 1, 2, 3, 9 et 10 d'un nouveau formulaire et le faxer)			
Sexe : ☐ Masculin ☐ Féminin Poids : _ _ _ _ grammes Taille : _ _ _ cm Périmètre crânien : _ _ _ cm APGAR : 1 minute : _____ 5 minutes : _____ 10 minutes : _____			
Malformation(s) congénitale(s) : ☐ Non ☐ Oui, précisez :			
Pathologie(s) congénitale(s)/néonatale(s) non malformative(s) : ☐ Non ☐ Oui, précisez :			
Le nouveau-né a-t-il bénéficié d'un suivi particulier à la naissance : ☐ Non ☐ Oui, précisez : ☐ Non applicable			
Notificateur	Investigateur	Tampon du service :	
Nom et fonction : Signature :	Nom : Signature :		

15.4 QUESTIONNAIRE OR SCALE

15.4.1 Sequential [Sepsis-Related] Organ Failure Assessment Score (SOFA)

System	Score				
	0	1	2	3	4
Respiration					
PaO ₂ /FIO ₂ , mm Hg (kPa)	≥400 (53.3)	<400 (53.3)	<300 (40)	<200 (26.7) with respiratory support	<100 (13.3) with respiratory support
Coagulation					
Platelets, ×10 ³ /μL	≥150	<150	<100	<50	<20
Liver					
Bilirubin, mg/dL (μmol/L)	<1.2 (20)	1.2-1.9 (20-32)	2.0-5.9 (33-101)	6.0-11.9 (102-204)	>12.0 (204)
Cardiovascular					
	MAP ≥70 mm Hg	MAP <70 mm Hg	Dopamine <5 or dobutamine (any dose) ^b	Dopamine 5.1-15 or epinephrine ≤0.1 or norepinephrine ≤0.1 ^b	Dopamine >15 or epinephrine >0.1 or norepinephrine >0.1 ^b
Central nervous system					
Glasgow Coma Scale score ^c	15	13-14	10-12	6-9	<6
Renal					
Creatinine, mg/dL (μmol/L)	<1.2 (110)	1.2-1.9 (110-170)	2.0-3.4 (171-299)	3.5-4.9 (300-440)	>5.0 (440)
Urine output, mL/d				<500	<200

Abbreviations: FIO₂, fraction of inspired oxygen; MAP, mean arterial pressure; PaO₂, partial pressure of oxygen. ^bCatecholamine doses are given as mcg/kg/min for at least 1 hour. ^cGlasgow Coma Scale scores range from 3-15; higher score indicates better neurological function.

15.4.2 Charlson Comorbidity Index.

Score	Comorbidity
1	Myocardial infarction Congestive heart failure Peripheral vascular disease Cerebrovascular disease Dementia Chronic respiratory disease Connective tissue disease Peptic ulcer Mild liver disease Diabetes mellitus without involvement of target organs
2	Hemiplegia Moderate-severe kidney disease Diabetes mellitus with involvement of target organs Any tumour without metastasis Leukaemia (acute or chronic) Lymphoma
3	Moderate or severe liver disease

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Version 4.0 dated 31/05/2019

15.4.3 Clinical Frailty Scale.

Clinical Frailty Scale	
 1 Very Fit – People who are robust, active, energetic and motivated. These people commonly exercise regularly. They are among the fittest for their age.	 7 Severely Frail – Completely dependent for personal care, from whatever cause (physical or cognitive). Even so, they seem stable and not at high risk of dying (within ~ 6 months).
 2 Well – People who have no active disease symptoms but are less fit than category 1. Often, they exercise or are very active occasionally, e.g. seasonally.	 8 Very Severely Frail – Completely dependent, approaching the end of life. Typically, they could not recover even from a minor illness.
 3 Managing Well – People whose medical problems are well controlled, but are not regularly active beyond routine walking.	 9 Terminally Ill – Approaching the end of life. This category applies to people with a life expectancy <6 months, who are not otherwise evidently frail.
 4 Vulnerable – While not dependent on others for daily help, often symptoms limit activities. A common complaint is being "slowed up", and/or being tired during the day.	Scoring frailty in people with dementia The degree of frailty corresponds to the degree of dementia. Common symptoms in mild dementia include forgetting the details of a recent event, though still remembering the event itself, repeating the same question/story and social withdrawal. In moderate dementia, recent memory is very impaired, even though they seemingly can remember their past life events well. They can do personal care with prompting. In severe dementia, they cannot do personal care without help.
 5 Mildly Frail – These people often have more evident slowing, and need help in high order IADLs (finances, transportation, heavy housework, medications). Typically, mild frailty progressively impairs shopping and walking outside alone, meal preparation and housework.	
 6 Moderately Frail – People need help with all outside activities and with keeping house. Inside, they often have problems with stairs and need help with bathing and might need minimal assistance (cuing, standby) with dressing.	

15.4.4 EQ5D

INTRODUCTION TO EQ-5D

(Note to interviewer: please read the following to the respondent)

WE ARE TRYING TO FIND OUT WHAT YOU THINK ABOUT YOUR HEALTH. I WILL FIRST ASK YOU SOME SIMPLE QUESTIONS ABOUT YOUR HEALTH TODAY. I WILL THEN ASK YOU TO RATE YOUR HEALTH ON A MEASURING SCALE. I WILL EXPLAIN WHAT TO DO AS I GO ALONG BUT PLEASE INTERRUPT ME IF YOU DO NOT UNDERSTAND SOMETHING OR IF THINGS ARE NOT CLEAR TO YOU. PLEASE ALSO REMEMBER THAT THERE ARE NO RIGHT OR WRONG ANSWERS. WE ARE INTERESTED HERE ONLY IN YOUR PERSONAL VIEW.

EQ-5D DESCRIPTIVE SYSTEM: INTRODUCTION

FIRST I AM GOING TO READ OUT SOME QUESTIONS. EACH QUESTION HAS A CHOICE OF FIVE ANSWERS. PLEASE TELL ME WHICH ANSWER BEST DESCRIBES YOUR HEALTH TODAY. DO NOT CHOOSE MORE THAN ONE ANSWER IN EACH GROUP OF QUESTIONS.

(NOTE TO INTERVIEWER: IT MAY BE NECESSARY TO REMIND THE RESPONDENT REGULARLY THAT THE TIMEFRAME IS TODAY. IT MAY ALSO BE NECESSARY TO REPEAT THE QUESTIONS VERBATIM.)

EQ-5D DESCRIPTIVE SYSTEM

MOBILITY

FIRST I'D LIKE TO ASK YOU ABOUT MOBILITY. WOULD YOU SAY THAT:

1. YOU HAVE NO PROBLEMS IN WALKING ABOUT?
2. YOU HAVE SLIGHT PROBLEMS IN WALKING ABOUT?
3. YOU HAVE MODERATE PROBLEMS IN WALKING ABOUT?
4. YOU HAVE SEVERE PROBLEMS IN WALKING ABOUT?
5. YOU ARE UNABLE TO WALK ABOUT?

(NOTE TO INTERVIEWER: MARK THE APPROPRIATE BOX ON THE EQ-5D QUESTIONNAIRE)

SELF-CARE

NEXT I'D LIKE TO ASK YOU ABOUT SELF-CARE. WOULD YOU SAY THAT:

1. YOU HAVE NO PROBLEMS WASHING OR DRESSING YOURSELF?
2. YOU HAVE SLIGHT PROBLEMS WASHING OR DRESSING YOURSELF?
3. YOU HAVE MODERATE PROBLEMS WASHING OR DRESSING YOURSELF ?
4. YOU HAVE SEVERE PROBLEMS WASHING OR DRESSING YOURSELF?
5. YOU ARE UNABLE TO WASH OR DRESS YOURSELF?

(NOTE TO INTERVIEWER: MARK THE APPROPRIATE BOX ON THE EQ-5D QUESTIONNAIRE)

USUAL ACTIVITIES

NEXT I'D LIKE TO ASK YOU ABOUT YOUR USUAL ACTIVITIES, FOR EXAMPLE WORK, STUDY, HOUSEWORK, FAMILY OR LEISURE ACTIVITIES. WOULD YOU SAY THAT:

1. YOU HAVE NO PROBLEMS DOING YOUR USUAL ACTIVITIES?
2. YOU HAVE SLIGHT PROBLEMS DOING YOUR USUAL ACTIVITIES?
3. YOU HAVE MODERATE PROBLEMS DOING YOUR USUAL ACTIVITIES?
4. YOU HAVE SEVERE PROBLEMS DOING YOUR USUAL ACTIVITIES?
5. YOU ARE UNABLE TO DO YOUR USUAL ACTIVITIES?

(NOTE TO INTERVIEWER: MARK THE APPROPRIATE BOX ON THE EQ-5D QUESTIONNAIRE)

PAIN / DISCOMFORT

NEXT I'D LIKE TO ASK YOU ABOUT PAIN OR DISCOMFORT. WOULD YOU SAY THAT:

1. YOU HAVE NO PAIN OR DISCOMFORT?
2. YOU HAVE SLIGHT PAIN OR DISCOMFORT?
3. YOU HAVE MODERATE PAIN OR DISCOMFORT?
4. YOU HAVE SEVERE PAIN OR DISCOMFORT?
5. YOU HAVE EXTREME PAIN OR DISCOMFORT?

(NOTE TO INTERVIEWER: MARK THE APPROPRIATE BOX ON THE EQ-5D QUESTIONNAIRE)

ANXIETY / DEPRESSION

FINALLY I'D LIKE TO ASK YOU ABOUT ANXIETY OR DEPRESSION. WOULD YOU SAY THAT:

1. YOU ARE NOT ANXIOUS OR DEPRESSED?
2. YOU ARE SLIGHTLY ANXIOUS OR DEPRESSED?
3. YOU ARE MODERATELY ANXIOUS OR DEPRESSED?
4. YOU ARE SEVERELY ANXIOUS OR DEPRESSED?
5. YOU ARE EXTREMELY ANXIOUS OR DEPRESSED?

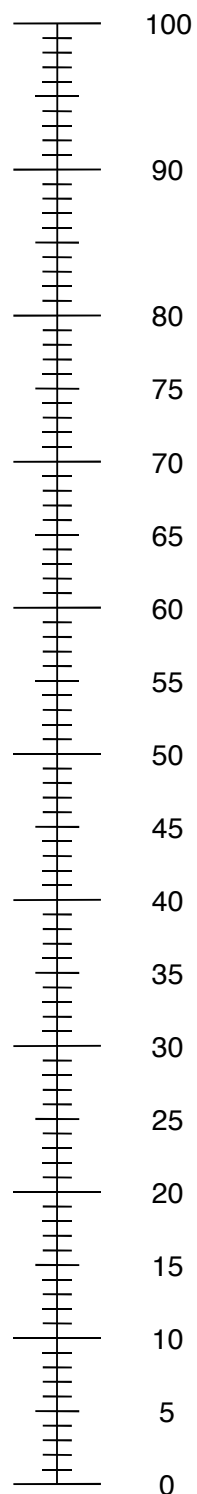
(NOTE TO INTERVIEWER: MARK THE APPROPRIATE BOX ON THE EQ-5D QUESTIONNAIRE)

EQ VAS: INTRODUCTION

(NOTE TO INTERVIEWER: IF POSSIBLE, IT MIGHT BE USEFUL TO SEND A VISUAL AID (I.E. THE EQ VAS) BEFORE THE TELEPHONE CALL SO THAT THE RESPONDENT CAN HAVE THIS IN FRONT OF HIM OR HER WHEN COMPLETING THE TASK)

NOW, I WOULD LIKE TO ASK YOU TO SAY HOW GOOD OR BAD YOUR HEALTH IS TODAY.

I'D LIKE YOU TO TRY TO PICTURE IN YOUR MIND A SCALE THAT LOOKS RATHER LIKE A THERMOMETER. CAN YOU DO THAT? THE BEST HEALTH YOU CAN IMAGINE IS MARKED 100 (ONE HUNDRED) AT THE TOP OF THE SCALE AND THE WORST HEALTH YOU CAN IMAGINE IS MARKED 0 (ZERO) AT THE BOTTOM.



EQ VAS: TASK

I WOULD NOW LIKE YOU TO TELL ME THE POINT ON THIS SCALE WHERE YOU WOULD PUT YOUR HEALTH TODAY.

(NOTE TO INTERVIEWER: MARK THE SCALE AT THE POINT INDICATING THE RESPONDENT'S 'HEALTH TODAY'. NOW, PLEASE WRITE THE NUMBER YOU MARKED ON THE SCALE IN THE BOX BELOW)

THE RESPONDENT'S HEALTH TODAY

THANK YOU FOR TAKING THE TIME TO ANSWER THESE QUESTIONS.

15.4.5 Glasgow coma scale

Score	Devenir
1	Décès
2	Etat végétatif persistant
3	Séquelles neurologiques sévères avec perte totale d'autonomie
4	Séquelles neurologiques sévères avec perte partielle d'autonomie
5	Séquelles mineurs sans perte d'autonomie ou pas de séquelles

15.4.6 Muscular Disability Rating Scale (MDRS)

Score	Devenir
1	Asymptomatique
2	Signes minimes
3	Distal
4	Faiblesse proximale légère / modérée
5	Faiblesse proximale sévère ($\leq$ -3)

15.4.7 PROMIS

PROMIS Physical Function
 PROMIS Ability to Participate in Social Roles and Activities
 PROMIS Anxiety
 PROMIS Depression
 PROMIS Fatigue
 PROMIS Cognitive Function

LEVEL 2—Depression—Adult*

*PROMIS Emotional Distress—Depression—Short Form

Name: _____ Age: _____ Sex: ☐ Male ☐ Female Date: _____

If the measure is being completed by an informant, what is your relationship with the individual receiving care? _____

In a typical week, approximately how much time do you spend with the individual receiving care? _____ hours/week

Instructions: On the DSM-5 Level 1 cross-cutting questionnaire that you just completed, you indicated that during the past 2 weeks you (the individual receiving care) have been bothered by "no interest or pleasure in doing things" and/or "feeling down, depressed, or hopeless" at a mild or greater level of severity. The questions below ask about these feelings in more detail and especially how often you (the individual receiving care) have been bothered by a list of symptoms during the past 7 days. Please respond to each item by marking (✓ or x) one box per row.

In the past SEVEN (7) DAYS....						Clinician Use
	Never	Rarely	Sometimes	Often	Always	Item Score
1. I felt worthless.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
2. I felt that I had nothing to look forward to.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
3. I felt helpless.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
4. I felt sad.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
5. I felt like a failure.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
6. I felt depressed.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
7. I felt unhappy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
8. I felt hopeless.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	
Total/Partial Raw Score:						
Prorated Total Raw Score:						
T-Score:						

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Instructions to Clinicians

The DSM-5 Level 2—Depression—Adult measure is the 8-item PROMIS Depression Short Form that assesses the pure domain of depression in individuals age 18 and older. The measure is completed by the individual prior to a visit with the clinician. If the individual receiving care is of impaired capacity and unable to complete the form (e.g., an individual with dementia), a knowledgeable informant may complete the measure as done in the DSM-5 Field Trials. However, the PROMIS Depression Short Form has not been validated as an informant report scale by the PROMIS group. Each item asks the individual receiving care (or informant) to rate the severity of the individual's depression during the past 7 days.

Scoring and Interpretation

Each item on the measure is rated on a 5-point scale (1=never; 2=rarely; 3=sometimes; 4=often; and 5=always) with a range in score from 8 to 40 with higher scores indicating greater severity of depression. The clinician is asked to review the score on each item on the measure during the clinical interview and indicate the raw score for each item in the section provided for "Clinician Use." The raw scores on the 8 items should be summed to obtain a total raw score. Next, the T-score table should be used to identify the T-score associated with the individual's total raw score and the information entered in the T-score row on the measure.

Note: This look-up table works only if all items on the form are answered. If 75% or more of the questions have been answered; you are asked to prorated the raw score and then look up the conversion to T-Score. The formula to prorate the partial raw score to Total Raw Score is:

$$\frac{(\text{Raw sum} \times \text{number of items on the short form})}{\text{Number of items that were actually answered}}$$

If the result is a fraction, round to the nearest whole number. For example, if 6 of 8 items were answered and the sum of those 6 responses was 20, the prorated raw score would be $20 \times 8 / 6 = 26.67$. The T-score in this example would be the T-score associated with the rounded whole number raw score (in this case 27, for a T-score of 64.4).

The T-scores are interpreted as follows:

Less than 55	= None to slight
55.0—59.9	= Mild
60.0—69.9	= Moderate
70 and over	= Severe

Note: If more than 25% of the total items on the measure are missing the scores should not be used. Therefore, the individual receiving care (or informant) should be encouraged to complete all of the items on the measure.

Frequency of Use

To track change in the severity of the individual's depression over time, the measure may be completed at regular intervals as clinically indicated, depending on the stability of the individual's symptoms and treatment status. For individuals with impaired capacity, it is preferred that completion of the measures at follow-up appointments is by the same knowledgeable informant. Consistently high scores on a particular domain may indicate significant and problematic areas for the individual that might warrant further assessment, treatment, and follow-up. Your clinical judgment should guide your decision.

Depression 8b SHORT FORM Conversion Table		
Raw Score	T-score	SE*
8	37.1	5.5
9	43.3	3.4
10	46.3	2.8
11	48.2	2.4
12	49.8	2.2
13	51.2	2.0
14	52.3	1.9
15	53.4	1.8
16	54.3	1.8
17	55.3	1.7
18	56.2	1.7
19	57.1	1.7
20	57.9	1.7
21	58.8	1.7
22	59.7	1.8
23	60.7	1.8
24	61.6	1.8
25	62.5	1.8
26	63.5	1.8
27	64.4	1.8
28	65.4	1.8
29	66.4	1.8
30	67.4	1.8
31	68.3	1.8
32	69.3	1.8
33	70.4	1.8
34	71.4	1.8
35	72.5	1.8
36	73.6	1.8
37	74.8	1.9
38	76.2	2.0
39	77.9	2.4
40	81.1	3.4

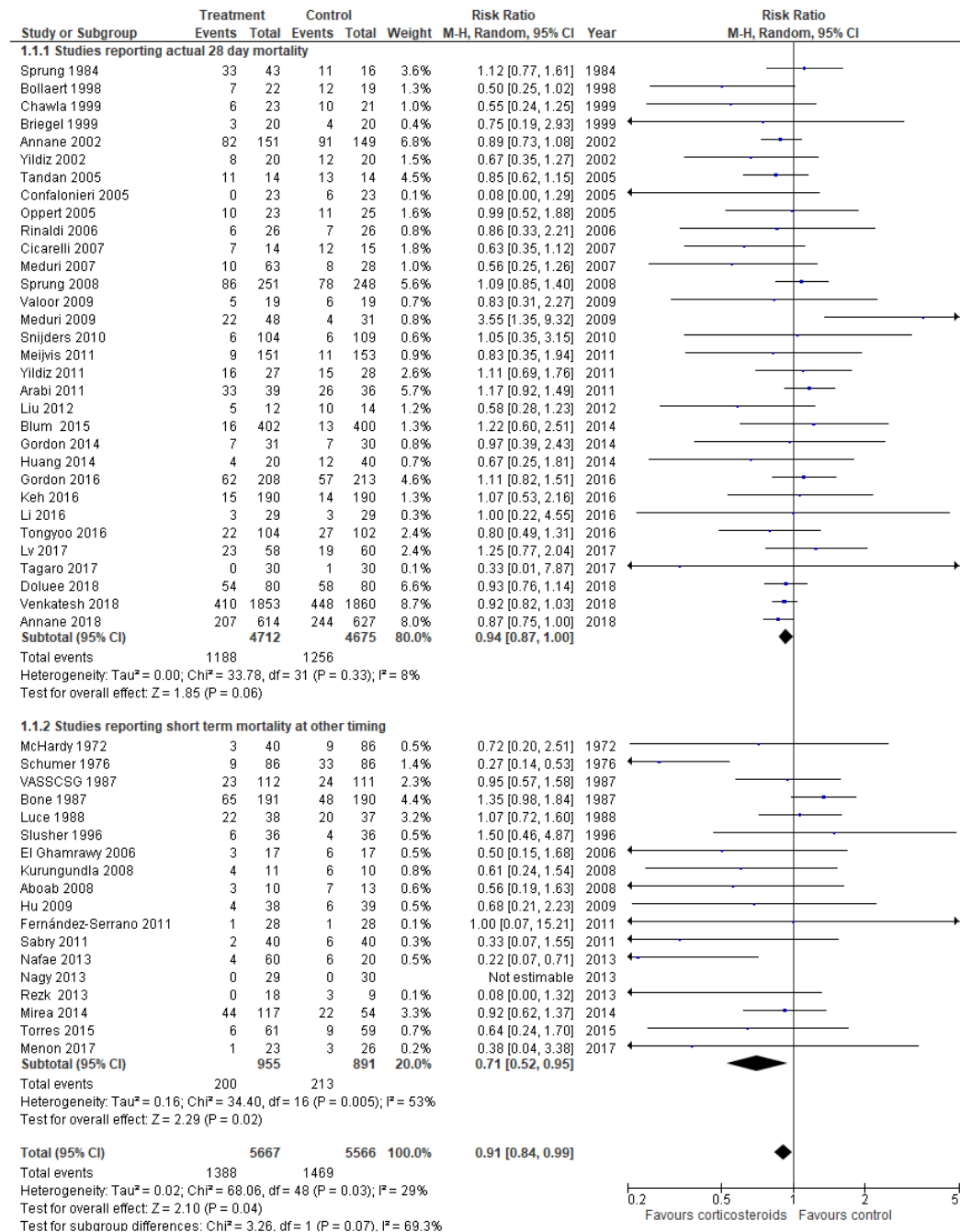
*SE = Standard Error in T-score units.

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15.5 ANNEXES

15.5.1 Annex 1: Forest plots - Randomized controlled trials of corticosteroids for sepsis



15.5.2 Annex 2: Unblinding of Clinical Site Personnel for Emergency Medical Management.

1. In the event of a medical emergency that directly affects the health status of the participant, it may become necessary to unblind allocation status to determine the specific treatment the participant has received while enrolled in the study. A medical emergency is defined as an event which necessitates immediate attention regarding the treatment of a participant.
2. Clinical site personnel (e.g. Local Principal Investigators, Co-Investigators, and Research Coordinators) will contact RECORDS Trial Principal investigators if they believe that unblinding of a study participant is medically necessary.
3. The RECORDS Trial Principal Investigator will discuss the participant's medical event with the clinical site personnel and determine if it is necessary to unblind them to the participant's treatment allocation. At no time will the participant's health be compromised or medical treatment delayed.
4. Once approved, the Principal Investigator or Coordinating Centre Project Leader will contact the Unblinded Research Coordinator who will provide the clinical site personnel with the participant's corticosteroids or placebo allocation. This information should be provided by telephone to reduce the risk of unblinding additional team members.
5. The unblinded Research Coordinator will complete the RECORDS Trial Unblinding Log. The unblinded Research Coordinator may contact the Research Coordinator at the clinical site to request any additional information required to complete this log.
6. The unblinded Research Coordinator is not to unblind the Principal Investigators or any blinded members of the RECORDS Trial team unless deemed necessary by the Principal Investigator. Similarly, clinical site personnel are also not to unblind any other members of the RECORDS Trial team (including the Coordinating Centre personnel, the Principal Investigators, or any clinical site research personnel who were not unblinded) unless deemed necessary by the Principal Investigator(s).
7. RECORDS Trial personnel must keep all information related to the individual unblinding cases confidential.
8. All cases of unblinding must be documented, including; clinical site ID, study ID, date of unblinding, parties unblinded, and reason for unblinding.

15.5.3 Annex 3: SCRIPT FOR TELEPHONE INTERVIEW

GENERAL INTRODUCTION

It is suggested that the telephone interviewer follows the script of the EQ-5D. Although allowance should be made for the interviewer's particular style of speaking, the wording of the questionnaire instructions should be followed as closely as possible. In the case of the EQ-5D descriptive system on pages 2 and 3, the precise wording must be followed.

It is recommended that the interviewer has a copy of the EQ-5D in front of him or her while it is administered over the telephone. This enables the respondent's answers to be entered directly on the EQ-5D by the interviewer on behalf of the respondent (i.e. the appropriate boxes on pages 2 and 3 are marked and the scale on page 4 is marked at the point indicating the respondent's 'health today'). The respondent should also have a copy of the EQ-5D in front of him or her for reference. If the respondent asks for clarification, the interviewer can help by re-reading the question verbatim. The interviewer should not try to offer his or her own explanation but suggest that the respondent uses his or her own interpretation.

If the respondent has difficulty regarding which box to mark, the interviewer should repeat the question verbatim and ask the respondent to answer in a way that most closely resembles his or her thoughts about his or her health today.

15.5.4 Annex 4: Plan for Discontinuation of the Study.

In the event of a premature discontinuation of the study in its entirety or at a clinical trial site, the Principal Investigator will:

1. Send a notification to ANSM and CPP no later than 15 days after the date of the discontinuation;
2. Provide ANSM and CPP with the reason for the discontinuation and its impact on the study;
3. Inform all clinical investigators of the discontinuation and of the reasons for the discontinuation, and advise them in writing of any potential risks to the health of study participants or other persons;
4. For each discontinued clinical trial site, stop the delivery of corticosteroids as of the date of the discontinuation, and take all reasonable measures to ensure the return of all unused quantities of corticosteroids to the supplier.
5. After being informed, each clinical site will:
 - a. inform both their site study participants or CPP and ANSM of the discontinuation;

- b. provide them with the reasons for the discontinuation, and advise them in writing of any potential risks to the health of study participants or other person;
- c. provide the Coordinating Centre with a copy of the acknowledgement of receipt of ANSM and CPP.

15.5.5 Annex 5: Ventilator procedures

1. Ventilator Management

A modified, simplified version of the ARDS Network lung protective lower tidal volume strategy will be used in this trial. This strategy, which was associated with low mortality rates in three previous ARDS Network trials (ARMA, ALVEOLI, and FACTT), will ensure that study subjects receive the beneficial effects of lung protection while participating in this trial.

1. Any mode of ventilation capable of delivering the prescribed tidal volume (VT, 6ml/kg predicted body weight, ± 2 ml/kg) may be used, provided the VT target is monitored and adjusted appropriately. If airway pressure release ventilation (APRV) is used, tidal volume is defined as the sum of the volume that results from the ventilator pressure release and an estimation of the average spontaneous VT.
2. VT Goal: 6 ml / kg predicted body weight.
3. Predicted body weight (PBW) is calculated from age, gender, and height (heel to crown) according to the following equations:
 - Males: $PBW (kg) = 50 + 2.3 [height (inches) - 60]$
 - Females: $PBW (kg) = 45.5 + 2.3 [height (inches) - 60]$
4. Measure and record inspiratory plateau pressure (Pplat) according to ICU routine (at least every four hours and after changes in VT and PEEP recommended)
5. If $Pplat > 30$ cm H₂O, reduce VT to 5 ml/kg and then to 4 ml/kg PBW if necessary to decrease Pplat to ≤ 30 cm H₂O.
6. If $VT < 6$ ml/kg PBW and $Pplat < 25$ cm H₂O, raise VT by 1 ml/kg PBW to a maximum of 6 ml/kg.
7. If "severe dyspnea" (more than 3 double breaths per minute or airway pressure remains at or below PEEP level during inspiration), then raise VT to 7 or 8 ml/kg PBW if Pplat remains below 30 cm H₂O. If Pplat exceeds 30 cm H₂O with VT of 7 or 8 ml/kg PBW, then revert to lower VT and consider more sedation.
8. If $pH < 7.15$, VT may be raised and Pplat limit suspended (not required).
9. Oxygenation target: $[55 \text{ mm Hg} < PaO_2 < 80 \text{ mm Hg}]$ or $[88\% < SpO_2 < 95\%]$.
When both PaO_2 and SpO_2 are available simultaneously, the PaO_2 criterion will take precedence.
10. Minimum PEEP = 5 cm H₂O
11. Adjust FiO_2 or PEEP upward within 5 minutes if there are consistent measurements below the oxygenation target range
12. Adjust FiO_2 or PEEP downward within 30 minutes if there are consistent measurements above the oxygenation target range.
13. There are no requirements for maintaining a specific PEEP to FiO_2 ratio. The lower PEEP/higher FiO_2 table represents a consensus approach developed by ARDS Network investigators in 1995. The higher PEEP/lower FiO_2 table (ALVEOLI) yielded equivalent results in a randomized trial and would be acceptable and perhaps preferable in patients who appear to respond with a substantial increase in arterial oxygenation in the transition from lower to higher PEEP.

The clinical team may decide to change mode during spontaneous breathing (PS = 5, C PAP, tracheostomy mask, or T-piece) at any time during the spontaneous breathing trial.

Monitor for tolerance using the following:

1. SpO₂ ≥ 90% and / or PaO₂ ≥ 60 mm Hg
2. Mean spontaneous tidal volume ≥ 4 ml/kg PBW (if measured)
3. Respiratory Rate ≤ 35 / min
4. pH ≥ 7.30 (if measured)
5. No respiratory distress (defined as 2 or more of the following):
 - c. Abdominal paradox
 - d. Diaphoresis
 - e. Marked subjective dyspnea

If any of the goals a-e are not met, revert to previous ventilator settings or to PS greater than or equal to 10 cm H₂O with Positive End-expiratory Pressure and FiO₂ = previous settings and reassess for weaning the next morning. The patient will be reassessed for weaning (Section C2) the following day.

Decision to remove ventilatory support:

If tolerance criteria for spontaneous breathing trial (a-e above) are met for at least 30 minutes, the clinical team may decide to discontinue mechanical ventilation. However, the spontaneous breathing trial can continue for up to 120 minutes if tolerance remains in question.

3. Definition of Unassisted Breathing

1. Spontaneously breathing with face mask, nasal prong oxygen, or room air, OR
2. T-tube breathing, OR
3. Tracheostomy collar (mask) breathing, OR
4. CPAP ≤ 5 without PS or IMV assistance
5. Use of CPAP or BIPAP solely for sleep apnea management

4. Definition of Extubation

1. Removal of an oral or nasotracheal tube
2. If a patient receives a tracheostomy, the time of extubation is defined as the time when the patient achieves unassisted breathing as defined in section C.3

5. Completion of Ventilator Procedures

Patients will be considered to have completed the study ventilator procedures if any of the following conditions occur:

1. Death
2. Hospital discharge
3. Alive 28 days after enrollment

Lower PEEP/Higher FiO2 Treatment Group

FiO2	.30	.40	.40	.50	.50	.60	.70	.70	.70	.80	.90	.90	.90	1.0
PEEP	5	5	8	8	10	10	10	12	14	14	14	16	18	18-24

Higher PEEP/Lower FiO2 Study Group

FiO2	.30	.30	.30	.30	.30	.40	.40	.50	.50	.50 – .80	.80	.90	1.0	1.0
PEEP	5	8	10	12	14	14	16	16	18	20	22	22	22	24

Note: Levels of PEEP in these FiO2/ PEEP tables represent levels set on the ventilator, not levels of total-PEEP, auto-PEEP, or intrinsic-PEEP.

14. No specific rules for respiratory rate. It is recommended that the respiratory rate be increased in increments to a maximum set rate of 35 if pH < 7.30.
15. No specific rules about I:E ratio. It is recommended that duration of Inspiration be ≤ duration of Expiration.
16. Bicarbonate is allowed (neither encouraged nor discouraged) if pH < 7.30.
17. Changes in more than one ventilator setting driven by measurements of PaO2, pH, and Pplat may be performed simultaneously, if necessary.

2. Weaning

Commencement of Weaning (applicable to patients ventilated invasively or non-invasively) Patients will be assessed for the following weaning readiness criteria each day between 0600 and 1000. If a patient procedure, test, or other extenuating circumstance prevents assessment for these criteria between 06:00 and 10:00, then the assessment and initiation of subsequent weaning procedures may be delayed for up to six hours.

1. ~~FiO2 ≤ 0.40 and PEEP ≤ 8 cm H2O~~ **FiO2 ≤ 0.50 and PEEP = 5 cm H2O**
2. ~~FiO2 ≤ 0.40 and PEEP ≤ 8 cm H2O~~ **FiO2 ≤ 0.50 and PEEP = 5 cm H2O**
3. Values of both PEEP and FiO2 ≤ values from previous day
4. Not receiving neuromuscular blocking agents and without neuromuscular blockade
5. Patient exhibiting inspiratory efforts. If no efforts are evident at baseline, ventilator set rate will be decreased to 50% of baseline level for up to 5 minutes to detect inspiratory efforts.
6. Systolic arterial pressure ≥ 90 mm Hg without vasopressor support (≤ 5 mcg/kg/min dopamine will not be considered a vasopressor)

Spontaneous Breathing Trial Procedure and Assessment for Unassisted Breathing

If criteria 1-6 above are met, then initiate a trial of up to 120 minutes of spontaneous breathing with FiO2 < 0.5 using any of the following approaches:

1. Pressure support (PS) < 5 cm H2O, PEEP < 5 cm H2O
2. CPAP < 5 cm H2O
3. T-piece
4. Tracheostomy collar (mask)

