





| Date   | Cent                              | er-Code  |                                    |            | Unit-Code                                    |                              |
|--|-----------------------------------|--|------------------------------------|------------|--|------------------------------|
| 1. Number of ICU beds  | '                                 | Curre  | nt                                 |            | Maximum                                      |                              |
| 2. Type of ICU   | ○ Medical IC<br>○ High Depe       | O Surgical ICU   | ○ Interdisciplinary ICU<br>○ Other |            |  |                              |
| 3. Does your ICU regularly d                                     | ischarge to an intern             | nediate care u   | nit?                               | ○ Ye       | s O No                                       | O I don't know               |
| 4. Do you have a post-ICU cl                                     | 4. Do you have a post-ICU clinic? |  |                                    |            |  | O I don't know               |
| 5. Do you have a regular fol                                     | ow-up after hospital              | discharge?   |                                    | O Yes      | s O No                                       | O I don't know               |
| 6. Total number of staff in t                                    | Ane                               | Intensivist esthesiologist Internist Pediatrician Surgeon Nurse Nursing aide Dietician sysiotherapist Pharmacist Other | Total number                       |            | Full time equivalent                         |                              |
| 7. Is there a person on your unit dedicated to nutritional care? |                                   |  |                                    | O Yes      | O No   | O I don't know               |
| 8. Is there a nutrition team                                     | in your hospital?                 |  |                                    | O Yes      | O No   | O I don't know               |
| 9a. Do you have written pro                                      | cedures for nutrition             | nal care?  |                                    | O Yes      | O No   | O I don't know               |
| 9b. If yes, which one:   | ☐ National g                      |  |                                    |            | nutrition protocol<br>vidual patient care pl | ans                          |
| 10. How do you assess phys                                       | ical and nutritional s            | tatus before IC  | CU admission?                      |            |  |                              |
| ☐ Weight / Height<br>☐ Frailty level                             | ☐ Clinical glo<br>☐ Laboratory    | bal assessment<br>parameters   | t                                  | ☐ Mob      | ility level<br>1                             | ☐ None<br>☐ Other            |
| 11. Which parameters do yo                                       | u assess for physical             | and nutrition  | al status in the IC                | CU?        |  |                              |
| ☐ Strength   | □Ultrasound                       | muscle mass  |                                    | ☐ CT m     | nuscle mass                                  | □ВІА                         |
| 12. In general, what is your                                     | caloric goal on ICU d             | ay 7?  |                                    | kcal/kg/d  | lay O I don't                                | know                         |
| 13. In general, what is your                                     | protein goal on ICU d             | lay 7?   |                                    | g/kg/day   | O I don't                                    | know                         |
| 14. How do you assess the c                                      | =                                 | Indirect Calori<br>VCO2  | metry                              | ○ Weig     | ht-based target<br>tion                      | O Other<br>O NA              |
| <b>15. Which body weight do y</b> ○ Actual weight                | Ou use?  ○ Estimated w            | eight  | O Ideal weight                     |            | O Adjusted weigh                             | t (ESPEN guidelines)         |
| THANK YOU<br>for participating to nutritio                       | nDay in ICU.                      |  | 2025<br>V1<br>ENGLISH              | : <b>`</b> | ESPEN International Story for                | MEDICAL UNIVERSITY OF VIENNA |







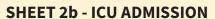
#### **SHEET 2a - ABOUT YOUR PATIENT**

| Date Center-  | Cod   | de Unit-Code  |
|---|-------|---|
| Patient number  |       | '   |
| Date of ICU admission  Date of admission in hospital  Age (years) | F     | Sex   |
| PATIENT INFO BEFORE ICU ADMISSION:                                |       |   |
| 1. Admitted to the ICU from                                       | 2     | 2. Mobility   |
| ☐ Operating room<br>☐ Emergency room<br>☐ Other ICU               |       | ☐ Independently mobile ☐ Bedridden ☐ NA ☐ NA                        |
| ☐ Normal ward ☐ Other institutions                                | 3     | 3. Did the patient have surgery?                                    |
| ☐ Home<br>☐ Other   |       | ☐ Scheduled surgery ☐ No surgery ☐ Emergency surgery ☐ I don't know |
| □ I don't know  |       | days since surgery  |
| AT ICU ADMISSION: (mark all that apply)                           |       |   |
|   | ) (5) |   |
| ICD-10 DIAGNOSIS ▼  |       | SPECIFIC COMORBIDITIES  |
| Nervous system  |       |   |
| Mental health ☐   |       |   |
| Eye and adnexa ☐<br>Ear and mastoid process ☐                     |       | Character at a second of  |
|   |       | ☐ Myocardial infarction   |
| Circulatory system  |       |   |
| Respiratory system  |       |   |
| Endocrine, nutritional and metabolic diseases 🗆                   | ] ()  | O 0400 Chronic liver disease Chronic kidney disease                 |
| Digestive system ☐  |       | GI disease/problems   |
| Genitourinary system 🗌  |       | Urological disease/problems   |
| Musculoskeletal system and connective tissue 🗆                    |       | ☐ Muscle-skeletal disease   |
| Skin and subcutaneous tissue 🗌                                    |       |   |
| Infectious and parasitic diseases                                 |       | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \                               |
| Neoplasms ☐<br>Blood and bloodforming organs and ☐                |       |   |
| the immune mechanism  | 1 0   | □ Pain  |
| Symptoms, signs, abnormal clinical/lab findings                   | 1 0   | □ Fatigue   |
| External causes of morbidity and mortality                        |       | □ Infection   |
| (e.g. transport accidents, assaults)                              | _     | \   |
| Pregnancy, childbirth and the puerperium 🗆                        |       | ☐ Hypertension ☐ Hyperlipidaemia                                    |
| Conditions originating in the perinatal period                    |       | ☐ hypertipidaetilia ☐ Endocrinal disease                            |
| Congenital/chromosomal abnormalities 🗆                            |       | □ Cancer (active)   |
| Injury, poisoning   |       | ☐ History of cancer   |
| Factors influencing health status and                             |       | Other chronic disease   |
| contact with health services                                      |       | ☐ OTHER COMORBIDITIES   |
| None of the above   |       |   |











| Date  |  | Center-Co         | ode         |                              | Unit-Code   |       |     |  |
|---|--|-------------------|-------------|------------------------------|---|-------|-----|--|
| Patient number  |  |                   |             |                              |   |       |     |  |
| 7. Main reasons for ICU dependency at ICU admission  Abdominal Cardiac Pulmonary Trauma Burns Neurological Sepsis Other Renal Metabolic Transplantation |  |                   |             |                              |   |       |     |  |
| 8. GLASGOW COMA SO  | CALE (estimated                        | score as if the p | patient wou | ıld not be sedated)          |   |       |     |  |
| Eyes  |  |                   | V           | erbal                        |   | Motor |     |  |
|   | Opens eyes to pain O 2=Incomprehensibl |                   |             | e sounds<br>t words<br>ented | ords O 3=Abnormal flexion to painful stimuli O 4=Flexion or withdrawal to painful stimuli |       |     |  |
| 9. LABORATORY VALU  | ES ON THE DAY                          | OF ICU ADM        | ISSION      |                              |   |       |     |  |
| Value   | Unit                                   | MIN               | MAX         | Value                        | Unit  | MIN   | MAX |  |
| рН  |  |                   |             | WBC                          | ◯10^3/μL<br>◯G/L  |       |     |  |
| pCO2  | mmHg                                   |                   |             | Platelets                    | ◯10^3/μL<br>◯G/L  |       |     |  |
| PaO2  | mmHg                                   |                   |             | Creatinine                   | ⊝mg/dL<br>⊝μmol/L   |       |     |  |
| FiO2  |  |                   |             | Serum UREA                   | ○mg/dL<br>○μmol/L   |       |     |  |
| Lactate   | ○mg/dL<br>○μmol/L                      |                   |             | <b>OR</b><br>BUN             | ○mg/dL<br>○μmol/L   |       |     |  |
| Glucose   | ○mg/dL<br>○μmol/L                      |                   |             | Sodium                       | ○mg/dL<br>○μmol/L   |       |     |  |
| Heart rate  | bpm                                    |                   |             | Potassium                    | ○mg/dL<br>○μmol/L   |       |     |  |
| Syst. blood pressure  | mmHg                                   |                   |             | Phosphate                    | ○mg/dL  |       |     |  |
| Temperature   | O°C<br>O°F                             |                   |             | Bilirubin (total)            | ○mg/dL<br>○μmol/L   |       |     |  |
| Urine Output  | ml/24h                                 |                   |             |                              | O Pinnery 2   |       |     |  |
| 10. INFECTIONS with   | in last 10 days:                       |                   |             |                              |   |       |     |  |
| Pneumonia   |  |                   | 0 \         | 'es                          | O No  | 0     | NA  |  |
| Urinary tract   |  |                   | 0 \         | 'es                          | ○ No  | 0     | NA  |  |
| Vascular catheter   |  |                   | 0 \         | es                           | O No  | 0     | NA  |  |
| Wound   |  |                   | 0 '         | /es                          | O No  | 0     | NA  |  |
| Blood cultures positive   |  |                   | 0 '         | l'es                         | ○ No  | 0     | NA  |  |
|   |  |                   |             |                              |   |       |     |  |





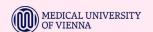






| Date   | Center-Code                                |   | Unit-Code   |
|--|--|---|---|
| Patient number   |  |   |   |
| 1. Limitation of care  □ No □ DNR (Do No                               | t Resuscitate) 🗆 Li                        | mited care (Do Not Escalate)  | ☐ Comfort Terminal Care                             |
| 2. Position  | O Prone                                    | O Supine  |   |
| 3. Sedation  | O No                                       | O Intermittent  | O Continuous  |
| 4. Sedation with propofol  | O No                                       | O Yes m   | l/day   |
| 5. Neuromuscular blocker   | ○ None                                     | O Intermittent  | O Continuous  |
| 6. Pain control ☐ Opiods ☐ Epidural                                    | ☐ Regional pain block<br>☐ Alpha2-agonists | ☐ Other sedatives<br>☐ Other analgetics                             | □ None  |
| RESPIRATORY  |  |   |   |
| 7. Respiratory access  Tracheostoma Endotracheal tube CPAP mask/helmet | □ Oxygen mask<br>□ No<br>□ NA              | 8. Ventilation support (r  Invasive  Non-invasive  High-flow oxygen | nore than 8 hours)  Oxygen insufflation Room air NA |
| 9. Does the patient have spontar                                       | neous breathing activity?                  |   | ○ Yes ○ No  |
| 10. Did you perform a ventilation                                      | weaning trial on the patie                 | ent?  | ○ Yes ○ No  |
| 11. ECMO   | O No                                       | O Venovenous  | ○ Venoarterial                                      |
| CIRCULATION  |  |   |   |
| 12. Vasoactive support (>1 hour/o                                      | day)  ☐ Vasopressor                        | ☐ Inotropes   | □ No  |
| 13. Vasopressor dose   | O Low noradrenaline < 0                    | ·   | ○ High noradrenaline ≥ 0.1 μg/kg/min                |
| 14. Insulin therapy  |  |   | 6   |
| IU/day   | O Intermittent                             | O Continuous  | O Pen O None  |
| RENAL  |  |   |   |
| 15. Diuretics  | O None                                     | O Intermittent  | O Continuous  |
| 16. Renal replacement therapy  | ☐ Hemodiafiltration☐ Hemofiltration        | ☐ Hemodialys<br>☐ Peritoneal D                                      |   |
| 17. IV Fluids  | ☐ Crystalloid solution (                   | NaCl, Ringers lactate, etc)   | ☐ Glucose solution                                  |
| 18. Antibiotic treatment   | O Yes                                      | O No  | O I don't know                                      |
|  |  |   |   |







#### **SHEET 3b - TREATMENTS TODAY**



| Date   |   | Center-                                      | Code  |   | Unit-Code   |          |  |  |  |
|--|---|--|---|---|---|----------|--|--|--|
| Patient number   |   |  |   |   |   |          |  |  |  |
| MOBILISATION TODA  | Υ   |  |   |   |   |          |  |  |  |
| 19. Mobilisation level to Physiotherapy Resistance exercise Respiratory therapy Ergotherapy  20. Duration of mobilise  21. Who helped during Nurse/Nursing aide  22. Patient's reaction to | □ II<br>□ E<br>□ P<br>□ A<br>ation session<br>mobilisation? | assive range<br>ctive moving<br>nysiotherapi | scle stimulat<br>of motion<br>g in bed<br>m | ☐ Sitting ☐ No (allowed) ☐ No (not allowed) ☐ Ambulation ☐ I don't know ☐ NA ☐ Relatives ☐ Other  |   |          |  |  |  |
| <ul><li>☐ Shortness of breath</li><li>☐ Muscular fatigue</li></ul>   |   | igher respira<br>igher heart r               |   | ☐ Sweating<br>☐ No reaction   | □ Other<br>□ NA   |          |  |  |  |
| 23. MRC muscle strengt  O ===================================  | n but no movemer  | nt   | (mean of bo                                 | <ul> <li>Oth sides)</li> <li>3=active movement against gravity</li> <li>4=active movement against gravity and resistance</li> <li>5=normal strength</li> <li>It can not be evaluated</li> </ul> |   |          |  |  |  |
| 24. LABORATORY VAL   | UES TODAY   |  |   | <b>25. Delirium</b><br>○No  |   |          |  |  |  |
| Value<br>pCO2  | Unit  | MIN  | MAX   | O CAM-ICU positive O Suspected Deliriu  | um (CAM-ICU not perfo                                   | rmed)    |  |  |  |
| PaO2   | mmHg  |  |   | 26. RASS 4 ☐ Combative  |   |          |  |  |  |
| FiO2   |   |  |   | <b>3</b> □ Very Agitated  | I   |          |  |  |  |
| ScvO2  | %   |  |   | 2 ☐ Agitated 1 ☐ Restless   |   |          |  |  |  |
| Lactate  | Omg/dL<br>Oμmol/L   |  |   | <b>0</b> ☐ Alert and call <b>-1</b> ☐ Drowsy  |   |          |  |  |  |
| Glucose  | ○mg/dL<br>○μmol/L   |  |   | -2 ☐ Light Sedation -3 ☐ Moderate Se  | dation  |          |  |  |  |
| Urine Output   | ml/24h  |  |   | -4 ☐ Deep Sedation -5 ☐ Unarousable   | on  |          |  |  |  |
| WBC  | Ο G/L   |  |   | Please refer to the exp   | lanation sheet for more ir                              | fomation |  |  |  |
| Platelets Creatinine   | ○G/L<br>○mg/dL  |  |   | 27. NEMS  |   |          |  |  |  |
| Serum UREA OR BUN  | Oμmol/L Omg/dL Oμmol/L Omg/dL Oμmol/L                       |  |   | <b>4</b> □ Supplementa  | nedication<br>entilatory support<br>ry ventilatory care |          |  |  |  |
| Potassium  | ○mg/dL<br>○μmol/L   |  |   | 6 ☐ Multiple vaso   | tive medication active medication                       |          |  |  |  |
| Phosphate  | ○mg/dL  |  |   | 7 □ Dialysis / Hen<br>8 □ Specific inter  | nofiltration<br>ventions in the ICU                     |          |  |  |  |
| Bilirubin (total)  | ○mg/dL<br>○μmol/L   |  |   | 9 🗆 Specific inter  | ventions outside the IC<br>lanation sheet for more ir   |          |  |  |  |
|  |   |  |   | . todas i erer to the exp   |   |          |  |  |  |







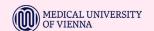




#### **SHEET 4a - NUTRITIONAL TREATMENT**

| Date Center-Code  |  | Unit-Code   |
|---|--|---|
| Patient number  |  |   |
| 1. Which lines and tubes does the patient have?  ☐ Central venous ☐ Nasogastric ☐ Nasojejunal ☐ Peripherally inserted central | rgical jejunostomy (PEJ)   | ☐ Peripheral venous<br>☐ Pulmonary artery catheter<br>☐ Other |
| 2. Nutritional approaches  ☐ Oral ☐ Enteral   | ☐ Parenteral   | ☐ No nutrition  |
| 3. Number of days of parenteral feeding in ICU  | days   | O NA  |
| 4. Number of days of enteral feeding in ICU   | days   | O NA  |
| 5. Duration of enteral nutrition in last 24h  | hours  | O Intermittent O Continuous                                   |
| 6. Reasons for interrupting nutritional support  ☐ Intolerance ☐ Transport ☐ Surgery ☐ Testing gastric reflux                 | □ Oth<br>□ NA  | er  |
| 7. Calories per kg planned for the next 24 hours  | kcal/kg/day  |   |
| <b>Or:</b> ○ <500 kcal/day ○ 500-999 kcal/day ○ 1   | 000-1499 kcal/day  | 00-2000 kcal/day  |
| 8. Volume of a single gastric reflux (max)  | ml   |   |
| 9. Prokinetic therapy:  | ☐ Erythromycin ☐ Met   | toclopramide 🗆 No   |
| 10. Constipation ≥ 3 days   | ○ Yes ○ No   | O I don't know  |
| 11. Diarrhea  | ○ Yes ○ No   | O I don't know  |
| 12. Vomiting  | ○ Yes ○ No   | O I don't know  |
| 13. Intra-abdominal pressure measured   | mmHg   | O not measured  |
| 14a. Is oral feeding possible?  | ○ Yes ○ No   | ○ I don't know  |
| 14b. If yes, what does the patient eat/drink?  Eating: Normal hospital food   | 14c. If no, why is ora  ☐ Patient is sedated ☐ Not allowed to eat ☐ Cannot swallow ☐ Recent aspiration ☐ Problem with dent ☐ Other |   |
| 15. ORAL NUTRITION - Please indicate amount eaten fo  | or one chosen meal:  |   |
| about all 1/2 1/4 nothi   | O Lunch O Dinner O NA  |   |











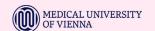
#### **SHEET 4b - NUTRITIONAL TREATMENT**

| Date  | Center-Code        |                |                                  | Unit-Code     |                      |
|---|--------------------|----------------|----------------------------------|---------------|----------------------|
| Patient number  |                    |                |                                  |               |                      |
| ENTERAL AND PARENTERAL NUTRITION  |                    |                |                                  |               |                      |
| <b>16. Does the patient receive an enteral nutr</b> Name  This product is O industrial O r                    | ition product?     |                | O Yes<br>Code                    | ○ No          | ○I don't know        |
| This product has  | mixed in nospitat  |                | kcal/L                           |               | g protein/L          |
| Planned for the last 24 hours<br>Given in the last 24 hours   |                    |                | ml/24h<br>ml/24h                 | or or         | kcal/24h<br>kcal/24h |
| 17. Does the patient receive protein powder   | ?                  |                | g/24h                            | O No          |                      |
| 18. Does the patient receive a parenteral number Name  This product is industrial (2-in-1) in its product has | ndustrial (3-in-1) | O mixed in hos | ○ Yes<br>Code<br>pital<br>kcal/L | ○ No          | ○ I don't know       |
| Planned for the last 24 hours<br>Given in the last 24 hours   |                    |                | ml/24h<br>ml/24h                 | or<br>or      | kcal/24h<br>kcal/24h |
| 19. Does the patient receives an additional i   | nutrition product? | ☐ Parenteral   |                                  | Enteral [     | □ No                 |
| 20a. Does the patient receive multivitamins   | ?                  |                | number o                         | f vial(s)/d   | ○ I don't know       |
| b trace elements?   |                    |                | number o                         | f vial(s)/d   | ○ I don't know       |
| c vitamin B1 (thiamin)?   |                    | O Yes          | O No                             | ○ I don't kno | w                    |
| d omega-3 fatty acids (fish oil)?   |                    | O Yes          | O No                             | ○ I don't kno | ow .                 |
| e glutamine?  |                    | O Yes          | O No                             | ○ I don't kno | ow                   |
| f additional amino acids?   |                    |                | g/24h                            | ○ I don't kno | ow                   |
| 21. PLEASE ASK YOUR PATIENT:  |                    |                |                                  |               |                      |
| a. Are you hungry?  |                    | Yes            |                                  | No            | NA                   |
| b. Would you like to eat something?   | 0                  | Yes            |                                  | ○ No          | O NA                 |
| c. Are you thirsty?   | 0                  | Yes            |                                  | No            | NA                   |
| d. Do you have a dry mouth?   |                    | Yes            |                                  | No            | NA                   |
| e. Do you feel nausea?  |                    | Yes            |                                  | No            | NA                   |
| f. Do you have abdominal pain?  |                    | Yes            |                                  | No            | NA                   |
| g. Are you anxious?   | 0                  | Yes            |                                  | ○ No          | O NA                 |
| h. Do you feel depressed?   |                    | Yes            |                                  | No            | NA                   |

#### Please continue with sheet 4b

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### nutritionDay in Intensive Care Unit **Patient Outcome**

### 60 days after nutritionDay

**Date** Center-Co **Unit-Code** 

| de |  |  |  |
|----|--|--|--|
| !  |  |  |  |

| Patient name, hirthdate or natient sticker   | Paties | Date of  | nospital discharge | nischarge<br>Discharge | Diagnose Cul | code for codes | Hospital teadris | Jedniednos | Heritan anaethesia | A Surgery   |
|--|--------|----------|--------------------|------------------------|--------------|----------------|------------------|------------|--------------------|---|
| Patient name, birthdate or patient sticker These informations will be used by the Unit only. | 123456 | dd.mm.yy | dd.mm.yy           | ICD-10 code            | code         | dd.mm.yy       | dd.mm.yy         | ✓          | 1,2,3              |   |
|  |        |          |                    |                        |              |                |                  |            |                    | itionDay database.  |
|  |        |          |                    |                        |              |                |                  |            |                    | This information is for entry into the nutritionDay database. |
|  |        |          |                    |                        |              |                |                  |            |                    | This information is   |

#### 1. Either use full ICD-10 codes or the codes below

0100 Infectious and parasitic diseases

0200 Neoplasms

0300 Blood and bloodforming organs and the immune mechanism

0400 Endocrine, nutritional and metabolic diseases

0500 Mental health

0600 Nervous system

0800 Ear and mastoid process

0900 Circulatory system 1000 Respiratory system

0700 Eye and adnexa

1600 Conditions originating in the perinatal period 1800 Symptoms, signs, abnormal clinical/lab findings

1300 Musculoskeletal system and connective tissue

1500 Pregnancy, childbirth and the puerperium

1700 Congenital/chromosomal abnormalities

1900 Injury, poisoning

1100 Digestive system

1400 Genitourinary system

1200 Skin and subcutaneous tissue

2000 External causes of morbidity and mortality (e.g. transport accidents, assaults)

2100 Factors influencing health status and contact with health services

#### 2. Outcome Code

- 1 Still in the hospital
- 2 Transferred to another hospital
- 3 Transferred to long term care
- 4 Rehabilitation
- 5 Discharged home
- 6 Death
- 7 Others

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| nutritionDay         | in Intensiv | e Care | Unit |
|----------------------|-------------|--------|------|
| <b>Patient Outco</b> | ome         |        |      |

Date Center-Code Unit-Code

| Patient name, birthdate or patient sticker Texture and the same by the Lind only.    Add mm. yy   dd. mm. yy | Worldwide   | 60 days af | after nutritionDay   |          |          |  |  |          |          | Unit-Code |  |                              |  |
|---|---|------------|--|----------|----------|--|--|----------|----------|-----------|--|------------------------------|--|
| These informations will be used by the Unit only.    dd.mm.yy   dd.mm.yy   dd.mm.yy   dd.mm.yy   v   1,2,3  | Patient name, hirthdate or nations sticker        |            | Patient number Date of the spital discharge Discharge Diagnosisticul Date of the spital dead t |          |          |  |  |          |          |           | jed on the state of the rolar of the surgery of the |                              |  |
| This information is for entry into the norriel contay database.   | These informations will be used by the Unit only. |            |  | dd.mm.yy | dd.mm.yy |  |  | dd.mm.yy | dd.mm.yy | ✓         | 1,2,3  | $\neg$                       |  |
| This information is for entry into the nutri  |   |            |  |          |          |  |  |          |          |           |  | tionDay database.            |  |
| This information is for entry into th   |   |            |  |          |          |  |  |          |          |           |  | e nutr                       |  |
| This info   |   |            |  |          |          |  |  |          |          |           |  | rmation is for entry into th |  |
|   |   |            |  |          |          |  |  |          |          |           |  | This info                    |  |



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