

# Actioncard Details of LangId: ee722f96-fcf6-4bcf-9f4e-c5fd285eaac3

Description: Newborn Management Pediatric Drugs and Fluids

Chapter Key: pediatric-drugs\_1486735985488

Card ID: 1

Content: Drug dose of common drugs for newborns below one month of age.

Type: paragraph

Adapted: Drug dose of common drugs for newborns below one month of age.

Translated: Drug dose of common drugs for newborns below one month of age.

Card ID: 2

Type: divider

Card ID: 4

Content: Ampicillin

Type: paragraph

Adapted: Ampicillin

Translated: Ampicillin

Card ID: 5

Content: Age: Under 7 days

Type: paragraph

Adapted: Age: Under 7 days

Translated: Age: Under 7 days

Card ID: 6

Content: Administration: IM/IV

Type: paragraph

Adapted: Administration: IM/IV

Translated: Administration: IM/IV

Card ID: 7

Content: Dose: 50 mg/kg/dose x 2

Type: paragraph

Adapted: Dose: 50 mg/kg/dose x 2

Translated: Dose: 50 mg/kg/dose x 2

Card ID: 46

Type: divider\_noline

Card ID: 9

Content: Age: Above 7 days

Type: paragraph

Adapted: Age: Above 7 days

Translated: Age: Above 7 days

Card ID: 10

Content: Administration: IM/IV

Type: paragraph

Adapted: Administration: IM/IV

Translated: Administration: IM/IV

Card ID: 11

Content: Dose: 50 mg/kg/dose x 3

Type: paragraph

Adapted: Dose: 50 mg/kg/dose x 3

Translated: Dose: 50 mg/kg/dose x 3

Card ID: 12

Type: divider

Card ID: 14

Content: Ceftriaxone

Type: paragraph

Adapted: Ceftriaxone

Translated: Ceftriaxone

Card ID: 15

Content: Administration: IM/IV

Type: paragraph

Adapted: Administration: IM/IV

Translated: Administration: IM/IV

Card ID: 16

Content: Dose: 50 mg/kg/dose x 2

Type: paragraph

Adapted: Dose: 50 mg/kg/dose x 2

Translated: Dose: 50 mg/kg/dose x 2

Card ID: 17

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 18

Content: 100 mg/kg/dose x 1

Type: paragraph

Adapted: 100 mg/kg/dose x 1

Translated: 100 mg/kg/dose x 1

Card ID: 19

Type: divider

Card ID: 37

Content: Gentamicin

Type: paragraph

Adapted: Gentamicin

Translated: Gentamicin

Card ID: 21

Content: Age: Under 7 days

Type: paragraph

Adapted: Age: Under 7 days

Translated: Age: Under 7 days

Card ID: 22

Content: Weight: Below 2 kg

Type: paragraph

Adapted: Weight: Below 2 kg

Translated: Weight: Below 2 kg

Card ID: 23

Content: Administration: IM/IV

Type: paragraph

Adapted: Administration: IM/IV

Translated: Administration: IM/IV

Card ID: 24

Content: Dose: 3 mg/kg/dose x 1

Type: paragraph

Adapted: Dose: 1.5 mg/kg/dose x 2

Translated: Dose: 1.5 mg/kg/dose x 2

Card ID: 47

Type: divider\_noline

Card ID: 26

Content: Age: Under 7 days

Type: paragraph

Adapted: Age: Under 7 days

Translated: Age: Under 7 days

Card ID: 27

Content: Weight: Above 2 kg

Type: paragraph

Adapted: Weight: Above 2 kg

Translated: Weight: Above 2 kg

Card ID: 28

Content: Administration: IM/IV

Type: paragraph

Adapted: Administration: IM/IV

Translated: Administration: IM/IV

Card ID: 29

Content: Dose: 5 mg/kg/dose x 1

Type: paragraph

Adapted: Dose: 2.5 mg/kg/dose x 2

Translated: Dose: 2.5 mg/kg/dose x 2

Card ID: 48

Type: divider\_noline

Card ID: 31

Content: Age: Above 7 days

Type: paragraph

Adapted: Age: Above 7 days

Translated: Age: Above 7 days

Card ID: 32

Content: Dose: 7.5 mg/kg/dose x 1

Type: paragraph

Adapted: Dose: 7.5 mg/kg/dose x 1

Translated: Dose: 7.5 mg/kg/dose x 1

Card ID: 34

Type: divider

Card ID: 35

Content: Phenobarbital

Type: paragraph

Adapted: Phenobarbital

Translated: Phenobarbital

Card ID: 36

Content: Loading Dose

Type: paragraph

Adapted: Loading Dose

Translated: Loading Dose

Card ID: 38

Content: Administration: IM/IV/Oral

Type: paragraph

Adapted: Administration: IM/IV/Oral

Translated: Administration: IM/IV/Oral

Card ID: 39

Content: Dose: 20 mg/kg/dose x 1

Type: paragraph

Adapted: Dose: 10 mg/kg/dose x 1

Adapted: repeat to max 40 mg/kg

Translated: Dose: 10 mg/kg/dose x 1

Translated: repeat to max 40 mg/kg

Card ID: 51

Content: See Drug List

Type: paragraph

Adapted:

Translated:

Chapter Key: fluid-management\_1486736000649

Card ID: 4

Content: Header!

Type: header

Adapted: Header!

Translated: Header!

Card ID: 5

Content: BlueBerry!

Type: paragraph

Adapted: BlueBerry!

Translated: BlueBerry!

Card ID: 2

1 day

60 ml/kg/day

2 days

90 ml/kg/day

3 days

120 ml/kg/day

4 days

120 ml/kg/day

5 days



150 ml/kg/day

6 days

150 ml/kg/day

7 days - 1 month

150-180 ml/kg/day

---

Card ID: 6

Type: divider

Card ID: 7

Content: One

Content: Two

Content: Three

Type: ol

Adapted: One

Adapted: Two

Adapted: Three

Translated: One

Translated: Two

Translated: Three

Description: Newborn Management Danger Signs

Chapter Key: \_1486807614864

Card ID: 1

Content: Airway

Type: alphabetical

Adapted: Airway

Translated: Airway

Card ID: 2

Content: Free and safe (no obstruction).

Type: paragraph

Adapted: Free and safe (no obstruction).

Translated: Free and safe (no obstruction).

Card ID: 3

Type: divider

Card ID: 4

Content: Breathing

Type: alphabetical

Adapted: Breathing

Translated: Breathing

Card ID: 5

Content: Respiratory rate slower than 30 or faster than 60 per minute.

Type: paragraph

Adapted: Respiratory rate slower than 30 or faster than 60 per minute.

Translated: Respiratory rate slower than 30 or faster than 60 per minute.

Card ID: 6

Content: Cyanosis.

Type: paragraph

Adapted: Cyanosis.

Translated: Cyanosis.

Card ID: 7

Content: Severe chest in-drawings.

Type: paragraph

Adapted: Severe chest in-drawings.

Translated: Severe chest in-drawings.

Card ID: 8

Content: Grunting.

Type: paragraph

Adapted: Grunting.

Translated: Grunting.

Card ID: 9

Content: Apnoea (no breathing for more than 15 seconds).

Type: paragraph

Adapted: Apnoea (no breathing for more than 15 seconds).

Translated: Apnoea (no breathing for more than 15 seconds).

Card ID: 10

Type: divider

Card ID: 11

Content: Circulation

Type: alphabetical

Adapted: Circulation

Translated: Circulation

Card ID: 12

Content: Signs of shock including:

Type: paragraph

Adapted: Signs of shock including:

Translated: Signs of shock including:

Card ID: 13

Content: Pale colour.

Type: paragraph

Adapted: Pale colour.

Translated: Pale colour.

Card ID: 14

Content: Weak pulse.

Type: paragraph

Adapted: Weak pulse.

Translated: Weak pulse.

Card ID: 15

Content: Heart rate below 80 or above 180.

Type: paragraph

Adapted: Heart rate below 80 or above 180.

Translated: Heart rate below 80 or above 180.

Card ID: 16

Content: Capillary refill time more than 3 seconds.

Type: paragraph

Adapted: Capillary refill time more than 3 seconds.

Translated: Capillary refill time more than 3 seconds.

Card ID: 17

Type: divider

Card ID: 20

Content: Disability

Type: alphabetical

Adapted: Disability

Translated: Disability

Card ID: 18

Content: Poor feeding/inability to suck.

Type: paragraph

Adapted: Poor feeding/inability to suck.

Translated: Poor feeding/inability to suck.

Card ID: 21

Content: Irritability.

Type: paragraph

Adapted: Irritability.

Translated: Irritability.

Card ID: 22

Content: Convulsions.

Type: paragraph

Adapted: Convulsions.

Translated: Convulsions.

Card ID: 23

Content: Decreased muscle tone.

Type: paragraph

Adapted: Decreased muscle tone.

Translated: Decreased muscle tone.

Card ID: 24

Content: Decreased consciousness.

Type: paragraph

Adapted: Decreased consciousness.

Translated: Decreased consciousness.

Card ID: 25

Content: Vomiting.

Type: paragraph

Adapted: Vomiting.

Translated: Vomiting.

Card ID: 26

Type: divider

Card ID: 27

Content: Exposure

Type: alphabetical

Adapted: Exposure

Translated: Exposure

Card ID: 28

Content: Temperature below 36.5°C or above 37.5°C.

Type: paragraph

Adapted: Temperature below 35.5°C or above 37.5°C.

Translated: Temperature below 35.5°C or above 37.5°C.

Card ID: 29

Content: Red, tender umbilicus.

Type: paragraph

Adapted: Red, tender umbilicus.

Translated: Red, tender umbilicus.

Card ID: 30

Content: Severe jaundice.

Type: paragraph

Adapted: Severe jaundice.

Translated: Severe jaundice.

Description: Newborn Management Management of Danger Signs

Chapter Key: \_1486808279407

Card ID: 1

Content: CALL FOR HELP!

Type: important\_text

Adapted: CALL FOR HELP!

Translated: CALL FOR HELP!

Card ID: 2

Type: divider

Card ID: 3

Content: Airway

Type: alphabetical

Adapted: Airway

Translated: Airway

Card ID: 4

Content: Position so airway is free. Suction if obstructed.

Type: paragraph

Adapted: Position so airway is free. Suction if obstructed.

Translated: Position so airway is free. Suction if obstructed.

Card ID: 5

Type: divider

Card ID: 6

Content: Breathing

Type: alphabetical

Adapted: Breathing

Translated: Breathing

Card ID: 7

Content: If no breathing, rub the back for 10 seconds.

Type: paragraph

Adapted: If no breathing, rub the back for 10 seconds.

Translated: If no breathing, rub the back for 10 seconds.

Card ID: 8



Content: If still no breathing or respiratory rate slower than 30 per minute: Start bag and mask ventilation.

Type: paragraph

Adapted: If still no breathing or respiratory rate slower than 30 per minute: Start bag and mask ventilation.

Translated: If still no breathing or respiratory rate slower than 30 per minute: Start bag and mask ventilation.

Card ID: 24

Content: If the colour is bluish or the newborn is having difficulty breathing with indrawings or grunting give oxygen by nasal catheter or prongs.

Type: paragraph

Adapted: Bluish colour or difficulty breathing with in drawings or grunting: oxygen by nasal catheter or prongs if available.

Translated: Bluish colour or difficulty breathing with in drawings or grunting: oxygen by nasal catheter or prongs if available.

Card ID: 10

Type: divider

Card ID: 9

Content: Circulation

Type: alphabetical

Adapted: Circulation

Translated: Circulation

Card ID: 20

Content: If signs of shock give normal saline 10 ml/kg IV.

Type: paragraph

Adapted: If signs of shock give normal saline 10- 15 ml/kg IV.

Translated: If signs of shock give normal saline 10- 15 ml/kg IV.

Card ID: 19

Content: Disability

Type: alphabetical

Adapted: Disability

Translated: Disability

Card ID: 11

Content: If the newborn is drowsy, unconscious or convulsing:

Type: paragraph

Adapted: If the newborn is drowsy, unconscious or convulsing:

Translated: If the newborn is drowsy, unconscious or convulsing:

Card ID: 12

Content: Measure blood glucose. If you cannot measure, assume low blood sugar and treat.

Content: If blood glucose is below 2.2 give Glucose 10% 2 ml/kg IV.

Content: Alternatively give expressed breast milk 10 ml/kg by nasogastric tube.

Content: If convulsions last more than 3 minutes or are brief serial seizures, give Phenobarbital 20 mg/kg IM/IV.

Type: ol

Adapted: Measure blood glucose. If you cannot measure, assume low blood sugar and treat.

Adapted: If blood glucose is below 2.2 give Glucose 10% 2 ml/kg IV.

Adapted: Alternatively give expressed breast milk 10 ml/kg by nasogastric tube.

Adapted: If convulsions last more than 3 minutes or are brief serial seizures, give Phenobarbital 10 mg/kg IM/IV (max 40 mg/kg). Repeat if necessary.

Translated: Measure blood glucose. If you cannot measure, assume low blood sugar and treat.

Translated: If blood glucose is below 2.2 give Glucose 10% 2 ml/kg IV.

Translated: Alternatively give expressed breast milk 10 ml/kg by nasogastric tube.

Translated: If convulsions last more than 3 minutes or are brief serial seizures, give Phenobarbital 10 mg/kg IM/IV (max 40 mg/kg). Repeat if necessary.

Card ID: 13

Content: See drug list for further treatment.

Type: paragraph

Adapted: See drug list for further treatment.

Translated: See drug list for further treatment.

Card ID: 14

Type: divider

Card ID: 21

Content: Exposure

Type: alphabetical

Adapted: Exposure

Translated: Exposure

Card ID: 22

Content: Reheat the newborn, if axillary temperature below 36.5 C

Content: Confirm severe jaundice with a bilirubin measurement and treat with phototherapy. If not available: Refer to facility with advanced care.

Type: ul

Adapted: Reheat the newborn, if axillary temperature below 36.5 C

Adapted: Confirm severe jaundice with a bilirubin measurement and treat with

phototherapy. If not available: Refer to facility with advanced care.

Translated: Reheat the newborn, if axillary temperature below 36.5 C

Translated: Confirm severe jaundice with a bilirubin measurement and treat with phototherapy. If not available: Refer to facility with advanced care.

Card ID: 15

Content: At any danger sign; suspect severe infection (sepsis or meningitis):

Type: important\_text

Adapted: At any danger sign; suspect severe infection (sepsis or meningitis):

Translated: At any danger sign; suspect severe infection (sepsis or meningitis):

Card ID: 16

Content: Give antibiotics Ampicillin and Gentamicin IV/IM according to age and weight.

Type: paragraph

Adapted: Give antibiotics Ampicillin and Gentamicin IV/IM according to age and weight.

Translated: Give antibiotics Ampicillin and Gentamicin IV/IM according to age and weight.

Card ID: 17

Content: If no improvement after 2 days, change to broader antibiotics, Ceftriaxone.

Type: paragraph

Adapted: If no improvement after 2 days, change to broader antibiotics, Ceftriaxone.

Translated: If no improvement after 2 days, change to broader antibiotics, Ceftriaxone.

## Description: Newborn Management Prevention

Chapter Key: \_1486813171298

Card ID: 21

Content: Respiratory Distress

Type: header

Adapted: Respiratory Distress

Translated: Respiratory Distress

Card ID: 5

Content: At labour between 24 and 34 gestational weeks or estimated birth weight below 2 kg give the mother Betamethasone 12 mg IM twice.

Type: paragraph

Adapted: At labour between 24 and 34 gestational weeks or estimated birth weight below 2 kg give the mother Betamethasone 12 mg IM twice.

Translated: At labour between 24 and 34 gestational weeks or estimated birth weight below 2 kg give the mother Betamethasone 12 mg IM twice.

Card ID: 7

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 8

Content: Dexamethasone 6 mg four times, 12 hours apart.

Type: paragraph

Adapted: Dexamethasone 6 mg four times, 12 hours apart.

Translated: Dexamethasone 6 mg four times, 12 hours apart.

Card ID: 9

Type: divider

Card ID: 22

Content: Severe Infection

Type: header

Adapted: Severe Infection

Translated: Severe Infection

Card ID: 11

Content: If membranes rupture before gestational week 37 or more than 18 hours before delivery.

Type: paragraph

Adapted: If membranes rupture before gestational week 37 or more than 18 hours before delivery.

Translated: If membranes rupture before gestational week 37 or more than 18 hours before delivery.

Card ID: 12

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 13

Content: If fever is higher than 38- $\mu$ 2 &V`ore or during delivery.

Type: paragraph

Adapted: If fever is higher than 38- $\mu$ 2 &V`ore or during delivery.

Translated: If fever is higher than 38- $\mu$ 2 &V`ore or during delivery.

Card ID: 24

Content: OR

Type: paragraph

Adapted:

Translated:

Card ID: 25

Content: If amniotic fluid is purulent or foul smelling.

Type: paragraph

Adapted:

Translated:

Card ID: 26

Content: OR

Type: paragraph

Adapted:

Translated:

Card ID: 27

Content: If the mother has documented colonisation with group B streptococcus:

Type: paragraph

Adapted:

Translated:

Card ID: 14

Content: Give her Ampicillin 2 g IV every 6 hours.

Type: paragraph

Adapted: Give her Ampicillin 1 g IV every 6 hours.

Translated: Give her Ampicillin 1 g IV every 6 hours.

Card ID: 15

Content: AND

Type: paragraph

Adapted: AND

Translated: AND

Card ID: 28

Content: Give the newborn Ampicillin 50 mg/kg IV/IM twice daily and Gentamicin 5 mg/kg IV/IM once daily for at least two days.

Type: paragraph

Adapted: Give the newborn Ampicillin 50 mg/kg IV/IM twice daily and Gentamicin 5 mg/kg IV/IM once daily for at least two days.

Translated: Give the newborn Ampicillin 50 mg/kg IV/IM twice daily and Gentamicin 5 mg/kg IV/IM once daily for at least two days.

Card ID: 29

Content: If the mother has HIV, hepatitis B, syphilis or tuberculosis follow national guidelines for treatment of the newborn.

Type: paragraph

Adapted: If the mother has HIV, hepatitis B, syphilis or tuberculosis follow national guidelines for treatment of the newborn.

Translated: If the mother has HIV, hepatitis B, syphilis or tuberculosis follow national guidelines for treatment of the newborn.

Card ID: 17

Type: divider

Card ID: 23

Content: Low Blood Sugar

Type: header

Adapted: Low Blood Sugar

Translated: Low Blood Sugar



Card ID: 19

Content: If a newborn has asphyxia or danger signs:

Type: paragraph

Adapted: If a newborn has asphyxia or danger signs:

Translated: If a newborn has asphyxia or danger signs:

Card ID: 20

Content: Keep the newborn warm by skin to skin contact with the mother.

Content: Start breastfeeding within half an hour and feed every 2 hours.

Content: If unable to suck give expressed milk 10 ml/kg in a cup or by nasogastric tube.

Content: If not possible or the newborn vomits give glucose 10% according to the Action Card "Fluid management" under "Paediatric drugs and fluids".

Type: ol

Adapted: Keep the newborn warm by skin to skin contact with the mother.

Adapted: Start breastfeeding within half an hour and feed every 2 hours.

Adapted: If unable to suck give expressed milk 10 ml/kg in a cup or by nasogastric tube.

Adapted: If not possible or the newborn vomits give Glucose 10% 5 ml/kg/hour IV.

Translated: Keep the newborn warm by skin to skin contact with the mother.

Translated: Start breastfeeding within half an hour and feed every 2 hours.

Translated: If unable to suck give expressed milk 10 ml/kg in a cup or by nasogastric tube.

Translated: If not possible or the newborn vomits give Glucose 10% 5 ml/kg/hour IV.

## Description: Hypertension Definitions

Chapter Key: \_1486814147474

Card ID: 3

Content: Severe Preeclampsia is one of the following:

Type: paragraph

Adapted: Severe Preeclampsia is one of the following:

Translated: Severe Preeclampsia is one of the following:

Card ID: 23

Content: Severely elevated blood pressure (160 mmHg or higher systolic OR 110 mmHg or higher diastolic), OR

Content: Persistent severe headache OR

Content: Visual disturbances like flashing lights or blurry vision, OR

Content: Persistent upper abdominal pain, OR

Content: Respiratory distress that could be caused by pulmonary oedema, OR

Content: Decreased urine production (less than 30 ml per hour).

Type: ol

Adapted: Severely elevated blood pressure (160 mmHg or higher systolic OR 110 mmHg or higher diastolic), OR

Adapted: Persistent severe headache OR

Adapted: Visual disturbances like flashing lights or blurry vision, OR

Adapted: Persistent upper abdominal pain, OR

Adapted: Respiratory distress that could be caused by pulmonary oedema, OR

Adapted: Decreased urine production (less than 25 ml per hour)

Translated: Severely elevated blood pressure (160 mmHg or higher systolic OR 110 mmHg or higher diastolic), OR

Translated: Persistent severe headache OR

Translated: Visual disturbances like flashing lights or blurry vision, OR

Translated: Persistent upper abdominal pain, OR

Translated: Respiratory distress that could be caused by pulmonary oedema, OR

Translated: Decreased urine production (less than 25 ml per hour)

Card ID: 17

Type: divider

Card ID: 24

Content: Eclampsia is when a pregnant woman develops generalised seizures.

Type: paragraph

Adapted: Eclampsia is when a pregnant woman develops generalised seizures.

Translated: Eclampsia is when a pregnant woman develops generalised seizures.

Card ID: 19

Content: Usually these women suffer from preeclampsia though 10-20% of women with eclampsia have a normal blood pressure.

Type: paragraph

Adapted: Usually these women suffer from preeclampsia though 10-20% of women with eclampsia have a normal blood pressure.

Translated: Usually these women suffer from preeclampsia though 10-20% of women with eclampsia have a normal blood pressure.

Card ID: 20

Content: Consider as differential diagnosis cerebral malaria or meningitis where fever will be present.

Type: paragraph

Adapted: Consider as differential diagnosis cerebral malaria or meningitis where fever will be present.

Translated: Consider as differential diagnosis cerebral malaria or meningitis where fever will be present.

Description: Hypertension Management Eclampsia

Chapter Key: \_1486815218676

Card ID: 1

Content: Call for help!

Type: important\_text

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: Call for help!

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: Call for help!

Card ID: 19

Content: Check Airway and Breathing.

Content: Fits are self-limiting; while convulsing, prevent the woman from trauma and turn her on the left side.

Content: Insert IV lines.

Content: Give Magnesium Sulphate. As a loading dose you give; 4 g in a 20% solution IV SLOWLY over 20 minutes.

Type: ol

Adapted: Check Airway and Breathing.

Adapted: Fits are self-limiting; while convulsing, prevent the woman from trauma and turn her on the left side.

Adapted: Insert IV lines.

Adapted: If at a peripheral facility give pre-referral dose: 50% MgSO<sub>4</sub> – 5 grams in each

buttock deep IM and refer the patient.

Adapted: At all other facilities, treat the patient the following way: Give magnesium sulphate. As a loading dose you give 4 grams of 50% MgSO<sub>4</sub> diluted in 12 ml normal saline or distilled water to make 20% MgSO<sub>4</sub> solution and then give slow IV over 20 minutes.

Translated: Check Airway and Breathing.

Translated: Fits are self-limiting; while convulsing, prevent the woman from trauma and turn her on the left side.

Translated: Insert IV lines.

Translated: If at a peripheral facility give pre-referral dose: 50% MgSO<sub>4</sub> – 5 grams in each buttock deep IM and refer the patient.

Translated: At all other facilities, treat the patient the following way: Give magnesium sulphate. As a loading dose you give 4 grams of 50% MgSO<sub>4</sub> diluted in 12 ml normal saline or distilled water to make 20% MgSO<sub>4</sub> solution and then give slow IV over 20 minutes.

Card ID: 5

Content: (Ideally you mix it with for example 100 ml. normal saline running 3 drops per second).

Type: paragraph

Adapted:

Translated:

Card ID: 6

Content: Never give Magnesium Sulphate intravenously fast, as this causes heart arrest!

Type: important\_text

Adapted: Never give Magnesium Sulphate intravenously fast, as this causes heart arrest!

Translated: Never give Magnesium Sulphate intravenously fast, as this causes heart arrest!

Card ID: 10

Content: If no signs of toxicity, proceed directly to giving the first maintenance dose of Magnesium Sulphate; 2 doses of 5 g IM (50% solution) one in each buttock (You can add 1 ml. 2% lidocaine for pain relief).

Type: paragraph

Adapted: If no signs of toxicity, proceed directly to giving the first maintenance dose of Magnesium Sulphate; 2 doses of 5 g deep IM (50% solution) one in each buttock, and after 4 hours in the other (You can add ½ ml. 2% lidocaine for pain relief).

Translated: If no signs of toxicity, proceed directly to giving the first maintenance dose of Magnesium Sulphate; 2 doses of 5 gm deep IM (50% solution) one in each buttock, and after 4 hours in the other (You can add ½ ml. 2% lidocaine for pain relief).

Card ID: 11

Content: See drug list for more details.

Type: paragraph

Adapted: See drug list for more details.

Translated: See drug list for more details.

Card ID: 12

Content: Beware of toxicity

Type: important\_text

Adapted: Beware of toxicity

Translated: Beware of toxicity

Card ID: 13

Content: The first sign is loss of tendon reflexes; a more severe sign is respiratory depression with a respiratory rate of < 12 per minute.

Type: paragraph

Adapted: The first sign is loss of tendon reflexes. Also pay attention to urine output, since intoxication is seen in patients with an output < 25-30 ml/hour. A more severe sign is respiratory depression with a respiratory rate of < 12 per minute. Then you don't give the intramuscular dose of Magnesium Sulphate.

Translated: The first sign is loss of tendon reflexes. Also pay attention to urine output, since intoxication is seen in patients with an output < 25-30 ml/hour. A more severe sign is respiratory depression with a respiratory rate of < 12 per minute. Then you don't give the intramuscular dose of Magnesium Sulphate.

Card ID: 14

Content: Then you don't give the intramuscular dose of Magnesium Sulphate.

Type: paragraph

Adapted: At a respiratory rate of < 12 per minute you give the antidote Calcium Gluconate 1g IV over three minutes. At heart arrest give the antidote IV push.

Translated: At a respiratory rate of < 12 per minute you give the antidote Calcium Gluconate 1g IV over three minutes. At heart arrest give the antidote IV push.

Card ID: 15

Content: At a respiratory rate of < 12 per minute you give the antidote Calcium Gluconate 1 g IV over three minutes.

Type: paragraph

Adapted:

Translated:

Card ID: 20

Content: At heart arrest give the antidote IV push.

Type: paragraph

Adapted:

Translated:

**Description: Hypertension Management Hypertension**

Chapter Key: bp-140-15090100\_1486816049815

Card ID: 1

Content: If no signs of severe preeclampsia (see definitions):

Type: paragraph

Adapted: If no signs of severe preeclampsia (see definitions):

Translated: If no signs of severe preeclampsia (see definitions):

Card ID: 2

Content: Send home.

Type: paragraph

Adapted: Send home.

Translated: Send home.

Card ID: 3

Content: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Type: paragraph

Adapted: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Translated: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Card ID: 4

Content: Plan delivery at referral facility, induction of labour at gestational age of 38-39 weeks if this procedure is performed and if gestational age is known.

Type: paragraph

Adapted: Plan delivery at referral facility, induction of labour at gestational age of 38-39 weeks if this procedure is performed and if gestational age is known.

Translated: Plan delivery at referral facility, induction of labour at gestational age of 38-39 weeks if this procedure is performed and if gestational age is known.

Chapter Key: bp-150-160100110\_1486816264206

Card ID: 1

Content: Admit and observe.

Type: paragraph



Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: Admit and observe.

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: Admit and observe.

Card ID: 2

Content: Assess BP every 8 hours.

Type: paragraph

Adapted: Assess BP every 8 hours.

Translated: Assess BP every 8 hours.

Card ID: 3

Content: If high blood pressure persists start oral antihypertensives for example:

Type: paragraph

Adapted: If high blood pressure persists start oral antihypertensives for example:

Translated: If high blood pressure persists start oral antihypertensives for example:

Card ID: 4

Content: Labetatol starting dose: 200 mg orally every 6-12 hours

Type: paragraph

Adapted: Labetatol starting dose: 100 mg orally every 12 hours

Translated: Labetatol starting dose: 100 mg orally every 12 hours

Card ID: 5

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 6

Content: Methyldopa starting dose: 250 mg orally every 6-8 hours.

Type: paragraph

Adapted: Methyldopa starting dose: 250 mg orally every 8 hours.

Translated: Methyldopa starting dose: 250 mg orally every 8 hours.

Card ID: 11

Content: See drug list for more details.

Type: paragraph

Adapted: See drug list for more details.

Translated: See drug list for more details.

Card ID: 7

Type: divider

Card ID: 8

Content: If blood pressure is reduced to between 140-150 systolic and 90-100 diastolic AND if there are no signs of severe preeclampsia (see definitions), the patient can be sent home.

Type: paragraph

Adapted: If blood pressure is reduced to between 140-150 systolic and 90-100 diastolic AND if there are no signs of severe preeclampsia (see definitions), the patient can be sent home.

Translated: If blood pressure is reduced to between 140-150 systolic and 90-100 diastolic AND if there are no signs of severe preeclampsia (see definitions), the patient can be sent home.

Card ID: 9

Content: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Type: paragraph

Adapted: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Translated: Schedule follow up appointment in 3-4 days, instruct in danger signs.

Card ID: 10

Content: Plan for delivery at referral facility, induction of labour at gestational age 38-39 if this procedure is performed and if gestational age is known.

Type: paragraph

Adapted: Plan for delivery at referral facility, induction of labour at gestational age 38-39 if this procedure is performed and if gestational age is known.

Translated: Plan for delivery at referral facility, induction of labour at gestational age 38-39 if this procedure is performed and if gestational age is known.

Chapter Key: severe-preeclampsia\_1486816564029

Card ID: 1

Content: See definitions.

Type: paragraph

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: See definitions.

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: See definitions.

Card ID: 2

Content: Admit and treat.

Type: paragraph

Adapted: Admit and treat.

Translated: Admit and treat.

Card ID: 3

Content: The single most important aim is to keep systolic BP below 160 mmHg!

Type: important\_text

Adapted: The single most important aim is to keep systolic BP below 160 mmHg!

Translated: The single most important aim is to keep systolic BP below 160 mmHg!

Card ID: 4

Content: Insert indwelling urine catheter.

Type: paragraph

Adapted: Insert indwelling urine catheter.

Translated: Insert indwelling urine catheter.

Card ID: 5

Content: Monitor each  $\frac{1}{2}$  hour until stable, then each 8 hours:

Type: paragraph

Adapted: Monitor each  $\frac{1}{2}$  hour until stable, then each 8 hours:

Translated: Monitor each  $\frac{1}{2}$  hour until stable, then each 8 hours:

Card ID: 6

Content: Fluid balance

Content: Respiratory rate

Content: Blood pressure

Content: Tendon reflexes

Content: Foetal heart rate

Type: ol

Adapted: Fluid balance

Adapted: Respiratory rate

Adapted: Blood pressure

Adapted: Tendon reflexes

Adapted: Foetal heart rate

Translated: Fluid balance

Translated: Respiratory rate

Translated: Blood pressure

Translated: Tendon reflexes

Translated: Foetal heart rate

Card ID: 7

Content: If severe features persist: Plan referral for delivery within 24 hours.

Type: paragraph

Adapted: If severe features persist: Plan referral for delivery within 24 hours.

Translated: If severe features persist: Plan referral for delivery within 24 hours.

Card ID: 8

Type: divider

Card ID: 27

Content: Managing Blood Pressure

Type: header

Adapted: Managing Blood Pressure

Translated: Managing Blood Pressure

Card ID: 10

Content: At blood pressure between 150-160/100-110 start oral antihypertensives for example:

Type: paragraph

Adapted: At blood pressure between 150-160/100-110 start oral antihypertensives for example:

Translated: At blood pressure between 150-160/100-110 start oral antihypertensives for example:

Card ID: 11

Content: Labetatol starting dose: 200 mg orally every 6-12 hours.

Type: paragraph

Adapted: Labetatol starting dose: 100 mg orally every 12 hours.

Translated: Labetatol starting dose: 100 mg orally every 12 hours.

Card ID: 12

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 13

Content: Methyldopa starting dose: 250 mg orally every 6-8 hours.

Type: paragraph

Adapted: Methyldopa starting dose: 250 mg orally every 8 hours.

Translated: Methyldopa starting dose: 250 mg orally every 8 hours.

Card ID: 14

Content: Persisting blood pressure  $\geq$  160 syst. or  $\geq$  110 diastolic must be treated IV.

Type: paragraph

Adapted: Persisting blood pressure  $\geq$  160 syst. or  $\geq$  110 diastolic must be treated IV.

Translated: Persisting blood pressure  $\geq$  160 syst. or  $\geq$  110 diastolic must be treated IV.

Card ID: 15

Content: See drug list for more details.

Type: paragraph

Adapted: See drug list for more details.

Translated: See drug list for more details.

Card ID: 16

Content: Assess the BP every 15 minutes and treat IV according to the suitable antihypertensives in the drug list until the BP is below 160/110.

Type: paragraph

Adapted: Assess blood pressure every 15 minutes.

Adapted:

Adapted: Repeat after 30 minutes until BP is below 160/110.

Translated: Assess blood pressure every 15 minutes.

Translated:

Translated: Repeat after 30 minutes until BP is below 160/110.

Card ID: 18

Content: See drug list for more details.

Type: paragraph

Adapted: See drug list for more details.

Translated: See drug list for more details.

Card ID: 28

Content: Prevention of Eclampsia

Type: header

Adapted: Prevention of Eclampsia

Translated: Prevention of Eclampsia

Card ID: 20

Content: Give loading dose Magnesium Sulphate 4 gr IV Slowly over 20 minutes (Ideally you mix it with for example 100 ml normal saline running 3 drops per second).

Type: paragraph

Adapted: If at a peripheral facility give pre-referral dose: 50% MgSO<sub>4</sub> – 5 grams in each buttock deep IM and refer the patient.

Translated: If at a peripheral facility give pre-referral dose: 50% MgSO<sub>4</sub> – 5 grams in each buttock deep IM and refer the patient.

Card ID: 21

Content: If normal tendon reflexes and breathing:

Type: paragraph

Adapted: At all other facilities, treat the patient the following way: Give magnesium sulphate. As a loading dose you give 4 grams of 50% MgSO<sub>4</sub> diluted in 12 ml normal saline or distilled water to make 20% MgSO<sub>4</sub> solution and then give slow IV over 20 minutes.

Translated: At all other facilities, treat the patient the following way: Give magnesium sulphate. As a loading dose you give 4 grams of 50% MgSO<sub>4</sub> diluted in 12 ml normal



saline or distilled water to make 20% MgSO<sub>4</sub> solution and then give slow IV over 20 minutes.

Card ID: 29

Content: Proceed directly to giving maintenance dose Magnesium Sulphate 5 gr 50% solution IM in each buttock (You can add 1 ml. 2% lidocaine for pain relief).

Type: paragraph

Adapted: If normal tendon reflexes and breathing: Proceed directly to giving maintenance dose Magnesium Sulphate 5 gm 50% solution deep IM in 1 buttock, and after 4 hours in the other (You can add 1 ml. 2% lidocaine for pain relief).

Translated: If normal tendon reflexes and breathing: Proceed directly to giving maintenance dose Magnesium Sulphate 5 gm 50% solution deep IM in 1 buttock, and after 4 hours in the other (You can add 1 ml. 2% lidocaine for pain relief).

Card ID: 22

Content: See drug list for more details.

Type: paragraph

Adapted: See drug list for more details.

Translated: See drug list for more details.

Card ID: 23

Content: Never give Magnesium Sulphate intravenously fast, as this causes cardiac arrest!

Type: important\_text

Adapted: Never give Magnesium Sulphate intravenously fast, as this causes cardiac arrest!

Translated: Never give Magnesium Sulphate intravenously fast, as this causes cardiac arrest!

Card ID: 24

Content: Beware of toxicity!

Type: paragraph

Adapted: Beware of toxicity!

Translated: Beware of toxicity!

Card ID: 25

Content: The first sign is loss of tendon reflexes; a more severe sign is respiratory depression with a respiratory rate  $< 12$  per minute.

Type: paragraph

Adapted: The first sign is loss of tendon reflexes; a more severe sign is respiratory depression with a respiratory rate  $< 12$  per minute.

Translated: The first sign is loss of tendon reflexes; a more severe sign is respiratory depression with a respiratory rate  $< 12$  per minute.

Card ID: 26

Content: Then you don't give the intramuscular dose of Magnesium Sulphate. Instead you give the antidote Calcium Gluconate 1 gr. IV over three minutes.

Type: paragraph

Adapted: Then you don't give the intramuscular dose of Magnesium Sulphate. Instead you give the antidote Calcium Gluconate 1 gr. IV over three minutes.

Translated: Then you don't give the intramuscular dose of Magnesium Sulphate. Instead you give the antidote Calcium Gluconate 1 gr. IV over three minutes.

Card ID: 30

Content: At heart arrest you give the antidote IV push.

Type: paragraph

Adapted: At heart arrest you give the antidote IV push.

Translated: At heart arrest you give the antidote IV push.

**Description: Maternal Sepsis Definitions**

Chapter Key: \_1486838311746

Card ID: 1

Content: Sepsis is diagnosed if there is a reasonable suspicion of infection and two of the following findings:

Type: paragraph

Adapted: Sepsis is diagnosed if there is a reasonable suspicion of infection and two of the following findings:

Translated: Sepsis is diagnosed if there is a reasonable suspicion of infection and two of the following findings:

Card ID: 2

Content: Pulse above 90

Content: Respiratory rate of 20 or higher

Content: Temperature above 38-°C or 101-°F or 38-°C or 101-°F

Type: ol

Adapted: Pulse above 90

Adapted: Respiratory rate of 20 or higher

Adapted: Temperature above 38-°C or 101-°F or 38-°C or 101-°F

Translated: Pulse above 90

Translated: Respiratory rate of 20 or higher

Translated: Temperature above 38-°C or 101-°F or 38-°C or 101-°F

Card ID: 7

Content: Maternal sepsis often causes fever but not necessarily.

Type: paragraph

Adapted:

Translated:

Card ID: 8

Content: A septic woman can have an increased temperature, normal temperature or

low temperature.

Type: paragraph

Adapted:

Translated:

Card ID: 9

Type: divider\_noline

Card ID: 3

Content: Septic Shock is diagnosed at the following findings despite adequate fluid resuscitation;

Type: paragraph

Adapted: Septic Shock is diagnosed at the following findings despite adequate fluid resuscitation;

Translated: Septic Shock is diagnosed at the following findings despite adequate fluid resuscitation;

Card ID: 4

Content: Systolic blood pressure below 90, OR;

Content: Urine output below 30 ml per hour

Type: ol

Adapted: Systolic blood pressure below 90, OR;

Adapted: Urine output below 30 ml per hour

Translated: Systolic blood pressure below 90, OR;

Translated: Urine output below 30 ml per hour

Description: Maternal Sepsis Emergency Management

Chapter Key: \_1486839161711

Card ID: 28

Content: At signs of septic abortion or at excessive vaginal bleeding

Type: paragraph

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Card ID: 30

Content: Evacuation of the uterus must be performed with no delay.

Type: important\_text

Adapted:

Translated:

Card ID: 31

Content: Do not delay by awaiting

Content: "antibiotic coverage"!

Type: paragraph

Adapted:

Translated:

Card ID: 33

Type: divider

Card ID: 1

Content: Call for help!

Type: important\_text

Adapted: Call for help!

Translated: Call for help!

Card ID: 2

Type: divider

Card ID: 3

Content: Airway

Type: alphabetical

Adapted: Airway

Translated: Airway

Card ID: 4

Content: Position so airway is not occluded or at risk of aspiration.

Type: paragraph

Adapted: Position so airway is not occluded or at risk of aspiration.

Translated: Position so airway is not occluded or at risk of aspiration.

Card ID: 5

Type: divider

Card ID: 7

Content: Breathing

Type: alphabetical

Adapted: Breathing

Translated: Breathing

Card ID: 6

Content: If gasping or absent ventilate with bag and mask.

Type: paragraph

Adapted: If gasping or absent ventilate with bag and mask.

Translated: If gasping or absent ventilate with bag and mask.

Card ID: 8

Type: divider

Card ID: 11

Content: Circulation

Type: alphabetical

Adapted: Circulation

Translated: Circulation

Card ID: 12

Content: Insert 2 wide bore IV cannulas.

Type: paragraph

Adapted: Insert 2 wide bore IV cannulas.

Translated: Insert 2 wide bore IV cannulas.

Card ID: 13

Content: Give at least 2 L fluids IV, Normal Saline or Ringer's lactate in the first hour.

Type: paragraph

Adapted: Give at least 2 L fluids IV, Normal Saline or Ringer's lactate in the first hour.

Translated: Give at least 2 L fluids IV, Normal Saline or Ringer's lactate in the first hour.

Card ID: 14

Content: Insert indwelling urine catheter to monitor in- and output.

Type: paragraph

Adapted: Insert indwelling urine catheter to monitor in- and output

Translated: Insert indwelling urine catheter to monitor in- and output

Card ID: 15

Type: divider

Card ID: 16

Content: Drugs

Type: alphabetical

Adapted: Drugs

Translated: Drugs

Card ID: 17

Content: Antibiotics intravenous according to local guidelines, for example:

Type: paragraph

Adapted: Antibiotics intravenous according to local guidelines, for example:

Translated: Antibiotics intravenous according to local guidelines, for example:

Card ID: 18

Content: Ampicillin 2 g/6 hrs

Type: paragraph

Adapted: Ampicillin 1 g/6 hrs

Translated: Ampicillin 1 g/6 hrs

Card ID: 19

Content: AND

Type: paragraph

Adapted: AND



Translated: AND

Card ID: 20

Content: Gentamicin 240 mg/24 hrs

Type: paragraph

Adapted: Gentamicin 80 mg/12 hrs

Translated: Gentamicin 80 mg/12 hrs

Card ID: 21

Content: AND

Type: paragraph

Adapted: AND

Translated: AND

Card ID: 22

Content: Metronidazole 500 mg/8 hrs

Type: paragraph

Adapted: Metronidazole 500 mg/8 hrs

Translated: Metronidazole 500 mg/8 hrs

Card ID: 27

Type: divider

Card ID: 39

Content: If in a malaria risk area,

Content: treat according to local guidelines.

Type: paragraph

Adapted: If in a malaria risk area,

Adapted: treat according to local guidelines.

Translated: If in a malaria risk area,

Translated: treat according to local guidelines.

Card ID: 40

Content: Chloramphenicol should be avoided in pregnant and lactating women.

Type: paragraph

Adapted: Chloramphenicol should be avoided in pregnant and lactating women.

Translated: Chloramphenicol should be avoided in pregnant and lactating women.

## Description: Maternal Sepsis Following Management

Chapter Key: \_1486841218351

Card ID: 1

Content: Assess vital signs each hour until stabilised.

Type: ol

Adapted: Assess vital signs each hour until stabilised.

Adapted: Intravenous fluid treatment should be liberal over the next 12 hours to maintain a satisfactory blood pressure of at least 90 mmHg systolic and an average urine output of at least 50 ml per hour.

Translated: Assess vital signs each hour until stabilised.

Translated: Intravenous fluid treatment should be liberal over the next 12 hours to maintain a satisfactory blood pressure of at least 90 mmHg systolic and an average urine output of at least 50 ml per hour.

Card ID: 2

Content: 2. Intravenous fluid treatment should be liberal over the next 12 hours to maintain a satisfactory blood pressure of at least 90 mmHg systolic and an average urine output of at least 50 ml per hour.

Type: paragraph

Adapted: 2. Intravenous fluid treatment should be liberal over the next 12 hours to maintain a satisfactory blood pressure of at least 90 mmHg systolic and an average urine output of at least 50 ml per hour.

Translated: 2. Intravenous fluid treatment should be liberal over the next 12 hours to maintain a satisfactory blood pressure of at least 90 mmHg systolic and an average urine output of at least 50 ml per hour.

Card ID: 3

Content: 3. Access the fluid balance:

Content:

Content: a) Record all oral and intravenous input.

Content: b) Record all urinary, faeces and vomiting output.

Content: c) Add to output 1 liter at no fever and 1½ liter at fever because of perspiration.

Type: paragraph

Adapted: 3. Access the fluid balance:

Adapted:

Adapted: a) Record all oral and intravenous input.

Adapted: b) Record all urinary, faeces and vomiting output.

Adapted: c) Add to output 1 liter at no fever and 1½ liter at fever because of perspiration.

Translated: 3. Access the fluid balance:

Translated:

Translated: a) Record all oral and intravenous input.

Translated: b) Record all urinary, faeces and vomiting output.

Translated: c) Add to output 1 liter at no fever and 1½ liter at fever because of perspiration.

Description: Maternal Sepsis Identify Cause

Chapter Key: \_1486841415440

Card ID: 1

Content: Go through the six W's:

Type: paragraph

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: Go through the six W's:

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: Go through the six W's:

Card ID: 2

Type: divider

Card ID: 3

Content: Womb

Type: alphabetical

Adapted: Womb

Translated: Womb

Card ID: 4

Content: At chorioamnionitis delivery should ideally be within 12 hours.

Type: paragraph

Adapted: At chorioamnionitis delivery should ideally be within 12 hours.

Translated: At chorioamnionitis delivery should ideally be within 12 hours.

Card ID: 28

Content: At endometritis (puerperal sepsis) evacuation of the uterus (MVA or D&C) if no improvement after 24 hrs.

Type: paragraph

Adapted: At endometritis (puerperal sepsis) evacuation of the uterus (MVA or D&C) if no improvement after 24 hrs.

Translated: At endometritis (puerperal sepsis) evacuation of the uterus (MVA or D&C) if no improvement after 24 hrs.

Card ID: 6

Type: divider

Card ID: 9

Content: Weaning

Type: alphabetical

Adapted: Weaning

Translated: Weaning

Card ID: 7

Content: Mastitis or abscess.

Type: paragraph

Adapted: Mastitis or abscess.

Translated: Mastitis or abscess.

Card ID: 24

Content: Add Dicloxacillin.

Type: paragraph

Adapted: Add Dicloxacillin.

Translated: Add Dicloxacillin.

Card ID: 8

Type: divider

Card ID: 10

Content: Wind

Type: alphabetical

Adapted: Wind

Translated: Wind

Card ID: 11

Content: Pneumonia

Type: paragraph

Adapted: Pneumonia

Translated: Pneumonia

Card ID: 25

Content: Treat with Penicillin.

Type: paragraph

Adapted: Treat with Penicillin.

Translated: Treat with Penicillin.

Card ID: 17

Type: divider

Card ID: 12

Content: Water

Type: alphabetical

Adapted: Water

Translated: Water

Card ID: 13

Content: Urinary tract infection

Type: paragraph

Adapted: Urinary tract infection

Translated: Urinary tract infection

Card ID: 26

Content: Treat with Ampicillin and Gentamicin.

Type: paragraph

Adapted: Treat with Ampicillin and Gentamicin.

Translated: Treat with Ampicillin and Gentamicin.

Card ID: 14

Type: divider

Card ID: 15

Content: Wound

Type: alphabetical

Adapted: Wound

Translated: Wound

Card ID: 16

Content: Add Dicloxacillin, consider wound revision.

Type: paragraph

Adapted: Add Dicloxacillin, consider wound revision.

Translated: Add Dicloxacillin, consider wound revision.

Card ID: 29

Type: divider

Card ID: 18

Content: Wings

Type: alphabetical

Adapted: Wings

Translated: Wings

Card ID: 19

Content: Treat malaria according to local guidelines if positive test.

Type: paragraph

Adapted: Treat malaria according to local guidelines if positive test.

Translated: Treat malaria according to local guidelines if positive test.

Card ID: 20

Type: divider

Card ID: 21

Content: Also think of meningitis (neck stiffness), cholecystitis (right upper abdominal pain) and appendicitis (right lower abdominal pain, though could be at level of umbilicus when pregnant). Start treatment and refer to a higher-level facility.

Type: paragraph

Adapted: Also think of meningitis (neck stiffness), cholecystitis (right upper abdominal pain) and appendicitis (right lower abdominal pain, though could be at level of umbilicus when pregnant). Start treatment and refer to a higher-level facility.

Translated: Also think of meningitis (neck stiffness), cholecystitis (right upper abdominal pain) and appendicitis (right lower abdominal pain, though could be at level of umbilicus when pregnant). Start treatment and refer to a higher-level facility.



Card ID: 22

Type: divider

Card ID: 23

Content: Treat with IV antibiotics for 48 hours after the woman is fever free, then oral antibiotics for 5-7 days or more depending on the diagnosis.

Type: paragraph

Adapted: Treat with IV antibiotics for 48 hours after the woman is fever free, then if no improvement oral antibiotics for 5-7 days or more depending on the diagnosis.

Translated: Treat with IV antibiotics for 48 hours after the woman is fever free, then if no improvement oral antibiotics for 5-7 days or more depending on the diagnosis.

Card ID: 27

Content: Ensure that the HIV status of all women is known, and that appropriate antiretroviral therapy protocols are followed.

Type: important\_text

Adapted: Ensure that the HIV status of all women is known, and that appropriate antiretroviral therapy protocols are followed.

Translated: Ensure that the HIV status of all women is known, and that appropriate antiretroviral therapy protocols are followed.

## Description: Newborn Management Routine Care

Chapter Key: apgar-score\_1491225099370

Card ID: 2

Content: Assess the newborn with Apgar score 1, 5 and 10 minutes after birth.

Type: paragraph

Adapted: Assess the newborn with Apgar score 1, 5 and 10 minutes after birth.

Translated: Assess the newborn with Apgar score 1, 5 and 10 minutes after birth.

Card ID: 3

Content: Apgar 7-10: Healthy

Type: paragraph

Adapted: Apgar 7-10: Healthy

Translated: Apgar 7-10: Healthy

Card ID: 5

Content: Apgar 0-6: Requires medical attention

Type: important\_text

Adapted: Apgar 0-6: Requires medical attention

Translated: Apgar 0-6: Requires medical attention

Card ID: 6

Activity

Limb arms and legs Arms and legs flexed Active

Pulse

Absent Less than 100 Above 100

Grimace

No response Grimace Sneeze, cough

Appearance (skin colour)

Blue or pale Body pink, arms and legs blue All pink

Respiration

Absent Slow, irregular Crying

Total score

---

Chapter Key: initial-care\_1491225120716

Card ID: 1

Content: All newborns need routine care after delivery.

Type: paragraph

Adapted: All newborns need routine care after delivery.

Translated: All newborns need routine care after delivery.

Card ID: 2

Content: Avoid separating mother from newborn whenever possible and do not leave mother and newborn unattended at any time.

Type: paragraph

Adapted: Avoid separating mother from newborn whenever possible and do not leave mother and newborn unattended at any time.

Translated: Avoid separating mother from newborn whenever possible and do not leave mother and newborn unattended at any time.

Card ID: 3

Content: At delivery dry and stimulate the newborn. If not crying well or having difficulty breathing proceed to neonatal resuscitation.

Content: Assess Apgar Score at 1, 5 and 10 minutes

Content: Monitor the newborn closely.

Content: Check the cord for bleeding every 15 min, keep it clean and dry. If bleeding, retie it.

Content: Give 1 mg Vitamin K (IM).

Content: Start breastfeeding within the first hour after birth and let the newborn feed on demand.

Content: Examine the newborn, look for danger signs.

Content: Apply antibiotic eye drops.

Content: Give vaccines according to national guidelines.

Content: Weigh the newborn, if less than 2.5 kg consider the newborn low birth weight and at risk of complications such as low blood sugar, respiratory distress and severe infections. Admit and monitor closely for danger signs, consider referral to a facility with advanced care.

Content: The lower gestational age or birth weight, the higher the risk that the newborn

is unable to suck adequately. Feed by cup or nasogastric tube. See action card for instructions.

Content: If clinically stable manage with Kangaroo Motherhood Care: continuous and prolonged skin-to-skin contact with the mother or another caregiver. Initiate at the hospital and continue at home.

Type: ul

Adapted: At delivery dry and stimulate the newborn. If not crying well or having difficulty breathing proceed to neonatal resuscitation.

Adapted: Assess Apgar Score at 1, 5 and 10 minutes

Adapted: Monitor the newborn closely.

Adapted: Check the cord for bleeding every 15 min, keep it clean and dry. If bleeding, retie it.

Adapted: Give 1 mg Vitamin K (IM).

Adapted: Start breastfeeding within the first hour after birth and let the newborn feed on demand.

Adapted: Examine the newborn, look for danger signs.

Adapted: Apply antibiotic eye drops.

Adapted: Give vaccines according to national guidelines.

Adapted: Weigh the newborn, if less than 2.5 kg consider the newborn low birth weight and at risk of complications such as low blood sugar, respiratory distress and severe infections. Admit and monitor closely for danger signs, consider referral to a facility with advanced care.

Adapted: The lower gestational age or birth weight, the higher the risk that the newborn is unable to suck adequately. Feed by cup or nasogastric tube. See action card for instructions.

Adapted: If clinically stable manage with Kangaroo Motherhood Care: continuous and prolonged skin-to-skin contact with the mother or another caregiver. Initiate at the hospital and continue at home.

Translated: At delivery dry and stimulate the newborn. If not crying well or having difficulty breathing proceed to neonatal resuscitation.

Translated: Assess Apgar Score at 1, 5 and 10 minutes

Translated: Monitor the newborn closely.

Translated: Check the cord for bleeding every 15 min, keep it clean and dry. If bleeding, retie it.

Translated: Give 1 mg Vitamin K (IM).

Translated: Start breastfeeding within the first hour after birth and let the newborn feed on demand.

Translated: Examine the newborn, look for danger signs.

Translated: Apply antibiotic eye drops.

Translated: Give vaccines according to national guidelines.

Translated: Weigh the newborn, if less than 2.5 kg consider the newborn low birth weight and at risk of complications such as low blood sugar, respiratory distress and severe infections. Admit and monitor closely for danger signs, consider referral to a facility with advanced care.

Translated: The lower gestational age or birth weight, the higher the risk that the newborn is unable to suck adequately. Feed by cup or nasogastric tube. See action card for instructions.

Translated: If clinically stable manage with Kangaroo Motherhood Care: continuous and prolonged skin-to-skin contact with the mother or another caregiver. Initiate at the hospital and continue at home.

Card ID: 4

Content: At discharge ask the mother to return if the newborn shows any danger signs.

Type: paragraph

Adapted: At discharge ask the mother to return if the newborn shows any danger signs.

Translated: At discharge ask the mother to return if the newborn shows any danger signs.

Description: Neonatal Resuscitation

Chapter Key: \_1486842883916

Card ID: 22

Content: The Golden Minute: By one minute of age all newborns should be able to breathe on their own or should be ventilated with a bag and a mask.

Type: important\_text

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: The Golden Minute: By one minute of age all newborns

Adapted: should be able to breathe on their own or should be ventilated with a bag and a mask.

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: The Golden Minute: By one minute of age all newborns

Translated: should be able to breathe on their own or should be ventilated with a bag and a mask.

Card ID: 23

Content: Assess the newborn within the first 30 seconds of life.

Type: paragraph

Adapted: Assess the newborn within the first ½ minute of life.

Translated: Assess the newborn within the first ½ minute of life.

Card ID: 2

Content: Resuscitate if the newborn is gasping or not crying or breathing.

Type: paragraph

Adapted: Resuscitate if the newborn is gasping or not crying or breathing.

Translated: Resuscitate if the newborn is gasping or not crying or breathing.

Card ID: 3

Content: Dry and stimulate, if not born in thick meconium.

Type: paragraph

Adapted: Dry and stimulate, if not born in thick meconium.

Translated: Dry and stimulate, if not born in thick meconium.

Card ID: 4

Content: If thick meconium: clear mouth and nose and suction airways before stimulating.

Type: paragraph

Adapted: If solid meconium: clear mouth and nose and suction airways before stimulating.

Translated: If solid meconium: clear mouth and nose and suction airways before stimulating.

Card ID: 5

Content: If not breathing after 30 seconds:

Type: paragraph

Adapted: If not breathing after ½ minute:

Translated: If not breathing after ½ minute:

Card ID: 6

Content: CALL FOR HELP!

Type: important\_text

Adapted: CALL FOR HELP!

Translated: CALL FOR HELP!

Card ID: 7

Content: Clamp and cut the umbilical cord and do the following:

Type: paragraph

Adapted: Clamp and cut the umbilical cord and do the following:

Translated: Clamp and cut the umbilical cord and do the following:

Card ID: 8

Type: divider

Card ID: 9

Content: Airway

Type: alphabetical

Adapted: Airway

Translated: Airway

Card ID: 10

Content: Position the head in neutral position.

Type: paragraph

Adapted: Position the head in neutral position.

Translated: Position the head in neutral position.

Card ID: 11

Content: Position mask so it covers mouth and nose, use the “C” and “E” grip.

Type: paragraph

Adapted: Position mask so it covers mouth and nose, use the “C” and “E” grip.

Translated: Position mask so it covers mouth and nose, use the “C” and “E” grip.

Card ID: 12

Content: Give 5 slow inflation breaths each lasting 2-3 seconds.



Type: important\_text

Adapted: Give 5 slow inflation breaths each lasting 2-3 seconds.

Translated: Give 5 slow inflation breaths each lasting 2-3 seconds.

Card ID: 13

Content: Observe that chest is moving.

Type: paragraph

Adapted: Observe that chest is moving. If not moving, check the positioning of the head and the mask.

Translated: Observe that chest is moving. If not moving, check the positioning of the head and the mask.

Card ID: 24

Content: If not moving, check the positioning of the head and the mask.

Type: paragraph

Adapted: Consider performing jawthrust.

Translated: Consider performing jawthrust.

Card ID: 25

Content: Consider performing jawthrust.

Type: paragraph

Adapted: Oxygen supplement is not necessary.

Translated: Oxygen supplement is not necessary.

Card ID: 26

Content: Give five inflation breaths again.

Type: paragraph

Adapted:

Translated:

Card ID: 14

Content: Oxygen supplement is not necessary.

Type: paragraph

Adapted:

Translated:

Card ID: 15

Type: divider

Card ID: 16

Content: Breathing

Type: alphabetical

Adapted: Breathing

Translated: Breathing

Card ID: 17

Content: If breathing is still insufficient or heart rate is below 100 beats per minute;

Type: paragraph

Adapted: If breathing is still insufficient or heart rate is below 100 beats per minute;

Translated: If breathing is still insufficient or heart rate is below 100 beats per minute;

Card ID: 18

Content: Give ventilation breaths at a rate of 40/minute.

Type: important\_text

Adapted: Give ventilation breaths at a rate of 40/minute.

Translated: Give ventilation breaths at a rate of 40/minute.

Card ID: 19

Content: Observe chest is moving. If not go back to Airway.

Type: paragraph

Adapted: Observe chest is moving. If not go back to Airway.

Translated: Observe chest is moving. If not go back to Airway.

Card ID: 20

Content: Assess breathing and heart rate every minute.

Type: paragraph

Adapted: Assess breathing and heart rate every minute.

Translated: Assess breathing and heart rate every minute.

Card ID: 21

Content: If breathing is still insufficient or heart rate is below 100 continue ventilation breaths.

Type: paragraph

Adapted: If breathing is still insufficient or heart rate is below 100 continue ventilation breaths.

Translated: If breathing is still insufficient or heart rate is below 100 continue ventilation breaths.

**Description: Post Abortion Care\_definitions**

Chapter Key: \_1486843724228

Card ID: 14

Content: Septic Abortion

Type: header

Adapted: Septic Abortion

Translated: Septic Abortion

Card ID: 1

Content: Septic abortion is diagnosed by the following signs:

Type: paragraph

Adapted: Septic abortion is diagnosed by the following signs:

Translated: Septic abortion is diagnosed by the following signs:

Card ID: 2

Content: Tender uterus

Type: paragraph

Adapted: Tender uterus

Translated: Tender uterus

Card ID: 3

Content: AND

Type: paragraph

Adapted: AND

Translated: AND

Card ID: 4

Content: Abnormal, foul smelling vaginal discharge

Type: paragraph

Adapted: Abnormal, foul smelling vaginal discharge

Translated: Abnormal, foul smelling vaginal discharge

Card ID: 5

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 9

Content: Rebound tenderness

Type: paragraph

Adapted: Rebound tenderness

Translated: Rebound tenderness

Card ID: 7

Content: OR

Type: paragraph

Adapted: OR

Translated: OR

Card ID: 8

Content: Any signs of shock (systolic blood pressure below 90) or pre-shock (pulse above 90).

Type: paragraph

Adapted: Any signs of shock (systolic blood pressure below 90) or pre-shock (pulse above 90).

Translated: Any signs of shock (systolic blood pressure below 90) or pre-shock (pulse above 90).

Card ID: 12

Content: REMEMBER! Septic abortion often, but not always, causes fever. A woman with sepsis can have an increased, normal, or low temperature.

Type: important\_text

Adapted: OR

Translated: OR

## Description: Post Abortion Care Emergency Management

Chapter Key: \_1486843950040

Card ID: 1

Content: At signs of septic abortion or at excessive vaginal bleeding

Type: paragraph

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: At signs of septic abortion or at excessive vaginal bleeding:

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: At signs of septic abortion or at excessive vaginal bleeding:

Card ID: 2

Content: Evacuation of the uterus must be performed with no delay!

Type: important\_text

Adapted: Evacuation of the uterus must be performed with no delay!

Translated: Evacuation of the uterus must be performed with no delay!

Card ID: 36

Content: Do not delay by awaiting “antibiotic coverage”!

Type: important\_text

Adapted: Do not delay by awaiting “antibiotic coverage”!

Translated: Do not delay by awaiting “antibiotic coverage”!

Card ID: 4

Type: divider

Card ID: 5

Content: CALL FOR HELP!

Type: important\_text

Adapted: CALL FOR HELP!

Translated: CALL FOR HELP!

Card ID: 6

Type: divider

Card ID: 11

Content: Airway

Type: alphabetical

Adapted: Airway

Translated: Airway

Card ID: 10

Content: Position so airway is not occluded or at risk of aspiration.

Type: paragraph

Adapted: Position so airway is not occluded or at risk of aspiration.

Translated: Position so airway is not occluded or at risk of aspiration.

Card ID: 8

Type: divider

Card ID: 12

Content: Breathing

Type: alphabetical

Adapted: Breathing

Translated: Breathing

Card ID: 13

Content: If gasping or absent ventilate with bag and mask.

Type: paragraph

Adapted: If gasping or absent ventilate with bag and mask.

Translated: If gasping or absent ventilate with bag and mask.

Card ID: 14

Type: divider

Card ID: 15

Content: Circulation

Type: alphabetical

Adapted: Circulation

Translated: Circulation

Card ID: 16

Content: Insert 2 wide bore IV cannulas.

Type: paragraph

Adapted: Insert 2 wide bore IV cannulas.

Translated: Insert 2 wide bore IV cannulas.

Card ID: 17



Content: Give at least 2L fluids IV, normal saline or Ringer's lactate fast.

Type: paragraph

Adapted: Give at least 2L fluids IV, normal saline or Ringer's lactate fast.

Translated: Give at least 2L fluids IV, normal saline or Ringer's lactate fast.

Card ID: 18

Content: Insert indwelling urine catheter to monitor in- and output.

Type: paragraph

Adapted: Insert indwelling urine catheter to monitor in- and output.

Translated: Insert indwelling urine catheter to monitor in- and output.

Card ID: 20

Type: divider

Card ID: 21

Content: Drugs

Type: alphabetical

Adapted: Drugs

Translated: Drugs

Card ID: 22

Content: Give antibiotics intravenous according to local guidelines, for example:

Type: paragraph

Adapted: Give antibiotics intravenous according to local guidelines, for example:

Translated: Give antibiotics intravenous according to local guidelines, for example:

Card ID: 23

Content: Ampicillin 1 g/6 hrs. (2 g the first time)

Type: paragraph

Adapted: Ampicillin 1 g/6 hrs.

Translated: Ampicillin 1 g/6 hrs.

Card ID: 24

Content: AND

Type: paragraph

Adapted: AND

Translated: AND

Card ID: 25

Content: Gentamicin 240 mg/24 hrs.

Type: paragraph

Adapted: Gentamicin 80 mg/12 hrs.

Translated: Gentamicin 80 mg/12 hrs.

Card ID: 26

Content: AND

Type: paragraph

Adapted: AND

Translated: AND

Card ID: 27

Content: Metronidazole 500 mg/8 hrs.

Type: paragraph

Adapted: Metronidazole 500 mg/8 hrs.

Translated: Metronidazole 500 mg/8 hrs.

Card ID: 28

Content: This must not delay the lifesaving EVACUATION of the uterus.

Type: important\_text

Adapted: This must not delay the lifesaving EVACUATION of the uterus.

Translated: This must not delay the lifesaving EVACUATION of the uterus.

Card ID: 29

Content: Give antibiotics while you start the procedure.

Type: important\_text

Adapted: Give antibiotics while you start the procedure.

Translated: Give antibiotics while you start the procedure.

Card ID: 30

Content: If antibiotics are not available, perform evacuation and give antibiotics afterwards.

Type: important\_text

Adapted: If antibiotics are not available, perform evacuation and give antibiotics afterwards.

Translated: If antibiotics are not available, perform evacuation and give antibiotics afterwards.

Card ID: 31

Type: divider

Card ID: 32

Content: Evacuate Uterus

Type: alphabetical

Adapted: Evacuate Uterus

Translated: Evacuate Uterus

Card ID: 33

Content: Give appropriate analgesia then evacuate using no-touch technique.

Type: paragraph

Adapted: Give appropriate analgesia then evacuate using no-touch technique.

Translated: Give appropriate analgesia then evacuate using no-touch technique.

Card ID: 34

Content: Until 12-14 weeks of gestation Manual Vacuum Aspiration (MVA) is the preferred method.

Type: paragraph

Adapted: Until 12-14 weeks of gestation Manual Vacuum Aspiration (MVA) is the preferred method.

Translated: Until 12-14 weeks of gestation Manual Vacuum Aspiration (MVA) is the preferred method.

Card ID: 35

Content: At a higher gestational age evacuation is by Dilatation and Curettage (D&C) and should be performed in a referral facility.

Type: paragraph

Adapted: At a higher gestational age evacuation is by Dilatation and Curettage (D&C) and should be performed in a referral facility.

Adapted:

Adapted: PERIPHERAL LEVEL

Adapted:

Adapted: If at a peripheral level without possibility of performing manual vacuum aspiration: Give Antibiotics intra muscularly and refer IMMEDIATELY

Adapted:

Translated: At a higher gestational age evacuation is by Dilatation and Curettage (D&C) and should be performed in a referral facility.

Translated:

Translated: PERIPHERAL LEVEL

Translated:

Translated: If at a peripheral level without possibility of performing manual vacuum aspiration: Give Antibiotics intra muscularly and refer IMMEDIATELY

Translated:

## Description: Post Abortion Care Following Management

Chapter Key: \_1486845344690

Card ID: 2

Content: Monitor vital signs and urine output closely until stable.

Content: Treat with IV antibiotics until 48 hours after the woman is fever free, then oral antibiotics for 5-7 days.

Content: Before discharge, advise on family planning and check for sexually transmitted diseases and HIV/AIDS.

Type: ol

Adapted: Monitor vital signs and urine output closely until stable.

Adapted: Treat with IV antibiotics until 48 hours after the woman is fever free, then oral antibiotics for 5-7 days.

Adapted: Before discharge, advise on family planning and check for sexually transmitted diseases and HIV/AIDS.

Translated: Monitor vital signs and urine output closely until stable.

Translated: Treat with IV antibiotics until 48 hours after the woman is fever free, then oral antibiotics for 5-7 days.

Translated: Before discharge, advise on family planning and check for sexually transmitted diseases and HIV/AIDS.

## Description: Post Partum Hemorrhage Arms

Chapter Key: \_1486846827255

Card ID: 8

Content: Check pulse and blood pressure

Type: ul

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted: Check pulse and blood pressure

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated: Check pulse and blood pressure

Card ID: 3

Content: Large bore IV Access x2

Type: ul

Adapted: Large bore IV Access x2

Translated: Large bore IV Access x2

Card ID: 4

Content: X-match Blood

Type: ul

Adapted: X-match Blood

Translated: X-match Blood

Card ID: 5

Content: Start fluid resuscitation 3 L normal saline or Ringer's lactate fast!

Type: ul

Adapted: Start fluid resuscitation 3 L normal saline or Ringer's lactate fast!

Translated: Start fluid resuscitation 3 L normal saline or Ringer's lactate fast!

Card ID: 11

Content: Give drugs:

Type: ul

Adapted: Give drugs:

Translated: Give drugs:

Card ID: 12

Content: Ergometrine 0.2 mg. IV (contraindicated at hypertension and retained placenta).

Content: Oxytocin drip. Blend 20 IU of Oxytocin in 1 L normal saline or Ringer's lactate and administer at fastest flow rate possible.

Content: Misoprostol 800 mcg sublingually if the bleeding continues and Oxytocin is not available.

Type: ol

Adapted: As per Government of India's guidelines:

Adapted: Start with Oxytocin drip. Blend 20 IU of Oxytocin in 1 L normal saline or Ringer's lactate and administer at 40-60 drops/ minute.

Adapted: If the bleeding continues, Ergometrine 0.2 mg. IV (contraindicated at hypertension and retained placenta).

Adapted: Misoprostol 800 mcg sublingually if the bleeding continues and Oxytocin is not available.

Translated: As per Government of India's guidelines:

Translated: Start with Oxytocin drip. Blend 20 IU of Oxytocin in 1 L normal saline or Ringer's lactate and administer at 40-60 drops/ minute.

Translated: If the bleeding continues, Ergometrine 0.2 mg. IV (contraindicated at hypertension and retained placenta).

Translated: Misoprostol 800 mcg sublingually if the bleeding continues and Oxytocin is not available.

## Description: Post Partum Hemorrhage Head

Chapter Key: \_1486847046019

Card ID: 6

Content: Check airway and breathing

Type: ul

Adapted:

Adapted: Check airway and breathing

Translated:

Translated: Check airway and breathing

Card ID: 7

Content: Ventilate if breathing is insufficient

Type: ul

Adapted: Ventilate if breathing is insufficient

Translated: Ventilate if breathing is insufficient

Card ID: 8

Content: Lie flat

Type: ul

Adapted: Lie flat

Translated: Lie flat

Card ID: 9

Content: Note time of relevant events



Type: ul

Adapted: Note time of relevant events

Translated: Note time of relevant events

Card ID: 10

Content: Reassure woman

Type: ul

Adapted: Reassure woman

Translated: Reassure woman

Description: Post Partum Hemorrhage Uterus

Chapter Key: \_1486847313094

Card ID: 1

Content: Start Here – Call For Help!

Type: important\_text

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: Start Here – Call For Help!

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: Start Here – Call For Help!

Card ID: 2

Content: While you wait for helpers do the following:

Type: paragraph

Adapted: While you wait for helpers do the following:

Translated: While you wait for helpers do the following:

Card ID: 3

Content: Continuous uterus massage

Content: Catheterise bladder

Content: If strong bleeding persists – apply bimanual compression or aorta compression

Type: ul

Adapted: Continuous uterus massage

Adapted: Catheterise bladder

Adapted: If strong bleeding persists – apply bimanual compression or aorta compression

Translated: Continuous uterus massage

Translated: Catheterise bladder

Translated: If strong bleeding persists – apply bimanual compression or aorta compression

Card ID: 4

Content: When helpers arrive:

Type: paragraph

Adapted: When helpers arrive:

Translated: When helpers arrive:

Card ID: 5

Content: Co-ordinate:

Type: ul

Adapted: Co-ordinate:

Translated: Co-ordinate:

Card ID: 6

Content: Helper 1 at 'head'

Content: Helpers 2 and 3 at 'arms'

Type: ul

Adapted: Helper 1 at 'head'

Adapted: Helpers 2 and 3 at 'arms'

Translated: Helper 1 at 'head'

Translated: Helpers 2 and 3 at 'arms'

Card ID: 7

Content: Review other causes - 4 T's

Type: ul

Adapted: Review other causes - 4 T's

Translated: Review other causes - 4 T's

Card ID: 9

Content: Tone

Content: Trauma

Content: Tissue

Content: Thrombin

Type: ol

Adapted: Tone

Adapted: Trauma

Adapted: Tissue

Adapted: Thrombin

Translated: Tone

Translated: Trauma

Translated: Tissue

Translated: Thrombin

## Description: Vacuum Delivery Indications

Chapter Key: \_1486847779329

Card ID: 1

Content: Pushing for more than one hour with good contractions.

Content: Foetal heart rate remaining below 100 or above 180 beats per minute.

Content: Maternal exhaustion.

Content: Maternal heart disease or hypertension (though these patients should be giving birth in a referral facility).

Type: ol

Adapted: Pushing for more than one hour with good contractions.

Adapted: Foetal heart rate remaining below 100 or above 180 beats per minute.

Adapted: Maternal exhaustion.

Adapted: Maternal heart disease or hypertension (though these patients should be giving birth in a referral facility).

Translated: Pushing for more than one hour with good contractions.

Translated: Foetal heart rate remaining below 100 or above 180 beats per minute.

Translated: Maternal exhaustion.

Translated: Maternal heart disease or hypertension (though these patients should be

giving birth in a referral facility).

## Description: Vacuum Delivery Prerequisites

Chapter Key: \_1486847915881

Card ID: 1

Content: Cephalic presentation not more than 1/5 palpable above pubic bone.

Content: Position occiput posterior or occiput anterior.

Content: Fully dilated.

Content: Ruptured membranes.

Content: Relevant expertise.

Content: Willingness to stop.

Type: ol

Adapted: Cephalic presentation not more than 1/5 palpable above pubic bone.

Adapted: Position occiput posterior or occiput anterior.

Adapted: Fully dilated.

Adapted: Ruptured membranes.

Adapted: Relevant expertise.

Adapted: Willingness to stop.

Translated: Cephalic presentation not more than 1/5 palpable above pubic bone.

Translated: Position occiput posterior or occiput anterior.

Translated: Fully dilated.

Translated: Ruptured membranes.

Translated: Relevant expertise.

Translated: Willingness to stop.

## Description: Vacuum Delivery Procedure as by Also

Chapter Key: \_1486848044218

Card ID: 29

Content: Go through A-J

Type: header

Adapted: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Adapted:

Adapted: Go through A-J

Translated: This is a BEmONC Signal Function as stated by the United Nations. However, you still have to act according to government law in your country and should only perform procedures that you have been authorized for.

Translated:

Translated: Go through A-J

Card ID: 2

Type: divider

Card ID: 3

Content: Ask for help.

Type: paragraph

Adapted: Ask for help.

Translated: Ask for help.

Card ID: 4

Content: Address the patient, tell her what you are about to do while you continue to prepare, tell her that you need her to cooperate and keep pushing when there is a contraction.

Type: paragraph

Adapted: Address the patient, tell her what you are about to do while you continue to prepare, tell her that you need her to cooperate and keep pushing when there is a contraction.

Translated: Address the patient, tell her what you are about to do while you continue to prepare, tell her that you need her to cooperate and keep pushing when there is a contraction.

Card ID: 5

Content: Abdominal palpation – the head should not be palpable more than 1/5 above the pubic bone.

Type: paragraph

Adapted: Abdominal palpation – the head should not be palpable more than 1/5 above the pubic bone

Translated: Abdominal palpation – the head should not be palpable more than 1/5 above the pubic bone

Card ID: 6

Type: divider

Card ID: 7

Content: Bladder empty.

Type: paragraph

Adapted: Bladder empty.

Translated: Bladder empty.

Card ID: 8

Type: divider

Card ID: 9

Content: Check that Cervix is fully dilated.

Type: paragraph

Adapted: Check that Cervix is fully dilated.

Translated: Check that Cervix is fully dilated.

Card ID: 10

Content: Contractions – there must be contractions to succeed.

Type: paragraph

Adapted: Contractions – there must be contractions to succeed.

Translated: Contractions – there must be contractions to succeed.

Card ID: 11

Type: divider

Card ID: 12

Content: Determine position – locate the posterior fontanel (triangular shaped) with your index finger. This is important to place the cup correctly.

Type: paragraph

Adapted: Determine position – locate the posterior fontanel (triangular shaped) with your index finger. This is important to place the cup correctly.

Translated: Determine position – locate the posterior fontanel (triangular shaped) with your index finger. This is important to place the cup correctly.

Card ID: 13

Type: divider

Card ID: 14

Content: Equipment ready – delivery tray, Oxytocin 10 IU for IM injection to the mother, towels, neonatal resuscitator, and vacuum extractor.

Type: paragraph

Adapted: Equipment ready – delivery tray, Oxytocin 10 IU for IM injection to the mother, towels, neonatal resuscitator, and vacuum extractor.

Translated: Equipment ready – delivery tray, Oxytocin 10 IU for IM injection to the



mother, towels, neonatal resuscitator, and vacuum extractor.

Card ID: 15

Type: divider

Card ID: 16

Content: Flexion Point – most cups are 3 cm from the center to the edge. Place the edge of the cup at the tip of the posterior triangular fontanel.

Type: paragraph

Adapted: Flexion Point – most cups are 3 cm from the center to the edge. Place the edge of the cup at the tip of the posterior triangular fontanel.

Translated: Flexion Point – most cups are 3 cm from the center to the edge. Place the edge of the cup at the tip of the posterior triangular fontanel.

Card ID: 17

Content: Feel for vaginal tissue between the cup and the foetal skull before and after applying suction to avoid trauma to the vagina.

Type: paragraph

Adapted: Feel for vaginal tissue between the cup and the foetal skull before and after applying suction to avoid trauma to the vagina.

Translated: Feel for vaginal tissue between the cup and the foetal skull before and after applying suction to avoid trauma to the vagina.

Card ID: 18

Type: divider

Card ID: 19

Content: Gentle, steady traction with no rocking during a contraction; with the first contractions downward. During the following contractions, more upward.

Type: paragraph

Adapted: Gentle, steady traction with no rocking during a contraction; with the first contractions downward. During the following contractions, more upward.

Translated: Gentle, steady traction with no rocking during a contraction; with the first contractions downward. During the following contractions, more upward.

Card ID: 20

Type: divider

Card ID: 21

Content: Halt in between contractions.

Type: paragraph

Adapted: Halt in between contractions.

Translated: Halt in between contractions.

Card ID: 22

Content: HALT and abandon if three pop-offs, or if three pulls with no progress, or if 20 minutes from application delivery is not achieved.

Type: paragraph

Adapted: HALT and abandon if three pop-offs, or if three pulls with no progress, or if 20 minutes from application delivery is not achieved.

Translated: HALT and abandon if three pop-offs, or if three pulls with no progress, or if 20 minutes from application delivery is not achieved.

Card ID: 23

Type: divider

Card ID: 24

Content: Intact perineum!

Type: paragraph

Adapted: Intact perineum!

Translated: Intact perineum!

Card ID: 25

Content: When the head is delivered during the next contraction protect perineum with one hand; squeeze the index and thumb together at the posterior part of the head to prevent stretching of the perineum and lift the head with your third finger upwards and away from the perineum, while the other hand keeps the head from coming too fast.

Type: paragraph

Adapted: When the head is delivered during the next contraction protect perineum with one hand; squeeze the index and thumb together at the posterior part of the head to prevent stretching of the perineum and lift the head with your third finger upwards and away from the perineum, while the other hand keeps the head from coming too fast. An incision is only rarely needed.

Translated: When the head is delivered during the next contraction protect perineum with one hand; squeeze the index and thumb together at the posterior part of the head to prevent stretching of the perineum and lift the head with your third finger upwards and away from the perineum, while the other hand keeps the head from coming too fast. An incision is only rarely needed.

Card ID: 26

Content: An incision is only rarely needed.

Type: paragraph

Adapted:

Translated:

Card ID: 27

Type: divider

Card ID: 28

Content: Jaw reachable – release the vacuum and remove the cup.

Type: paragraph

Adapted: Jaw reachable – release the vacuum and remove the cup.

Translated: Jaw reachable – release the vacuum and remove the cup.

**Description: Emergency Referral**

## Chapter Key: \_1490716076132

Card ID: 1

Content: Do not refer if emergency is not controlled!

Type: important\_text

Adapted: Do not refer if emergency is not controlled!

Translated: Do not refer if emergency is not controlled!

Card ID: 2

Content: Never refer a patient with uncontrolled bleeding, retained placenta, uncontrolled hypertension, unevacuated septic or haemorrhagic abortion or septic shock.

Type: paragraph

Adapted: Never refer a patient with uncontrolled bleeding, retained placenta, uncontrolled hypertension, unevacuated septic or haemorrhagic abortion or septic shock.

Adapted:

Adapted: Remove placenta by trained provider.

Translated: Never refer a patient with uncontrolled bleeding, retained placenta, uncontrolled hypertension, unevacuated septic or haemorrhagic abortion or septic shock.

Translated:

Translated: Remove placenta by trained provider.

Card ID: 28

Content: If the newborn is in need of referral; give the recommended AB prior to referral.

Type: paragraph

Adapted: In cases of prolonged labour:

Adapted: - If at a peripheral facility, refer the woman to a higher centre with her partograph for further management.

Adapted:

Adapted: - At a referral facility, amniotomy may be done (also for HIV+ women if on antiretroviral therapy). Reassess in 2 hours and decide on further management if there is insufficient progress.

Translated: In cases of prolonged labour:

Translated: - If at a peripheral facility, refer the woman to a higher centre with her partograph for further management.

Translated:

Translated: - At a referral facility, amniotomy may be done (also for HIV+ women if on antiretroviral therapy). Reassess in 2 hours and decide on further management if there is insufficient progress.

Card ID: 3

Content: After emergency management and when in a stable condition, discuss decision of referral with woman and relatives.

Type: paragraph

Adapted: After emergency management and when in a stable condition, discuss decision of referral with woman and relatives.

Translated: After emergency management and when in a stable condition, discuss decision of referral with woman and relatives.

Card ID: 4

Content: Quickly organise transport and possible financial aid.

Type: paragraph

Adapted: Quickly organise transport and possible financial aid.

Translated: Quickly organise transport and possible financial aid.

Card ID: 5

Content: Inform the referral center.

Type: paragraph

Adapted: Inform the referral center.

Translated: Inform the referral center.

Card ID: 6

Content: Accompany the woman.

Type: paragraph

Adapted: Accompany the woman.

Translated: Accompany the woman.

Card ID: 7

Content: It is crucial that she is accompanied by a health worker who is trained in delivery care and able to manage an emergency situation, if it occurs during transport.

Type: paragraph

Adapted: It is crucial that she is accompanied by a health worker who is trained in delivery care and able to manage an emergency situation, if it occurs during transport.

Translated: It is crucial that she is accompanied by a health worker who is trained in delivery care and able to manage an emergency situation, if it occurs during transport.

Card ID: 26

Content: Consider to bring a relative who can donate blood.

Type: paragraph

Adapted: Consider to bring a relative who can donate blood.

Translated: Consider to bring a relative who can donate blood.

Card ID: 9

Content: Bring

Type: subheader

Adapted: Bring

Translated: Bring

Card ID: 10

Content: Referral note.

Type: paragraph

Adapted: Referral note.

Translated: Referral note.

Card ID: 11

Content: Essential emergency drugs:

Type: paragraph

Adapted: Essential emergency drugs:

Translated: Essential emergency drugs:

Card ID: 12

Content: Oxytocin and Ergometrine (alternatively Misoprostol) for treatment of postpartum haemorrhage

Content: Oxytocin for IM injection immediately postpartum

Content: Hydralazine for IV treatment of elevated blood pressure

Content: Magnesium Sulphate for eclampsia

Content: Calcium Gluconate for intoxication with Magnesium Sulphate

Content: Ampicillin for infections

Content: Diazepam for pain relief

Content: Phenobarbital for the newborn in case of convulsions

Content: Adrenaline for the newborn in case of cardiac arrest

Type: ul

Adapted: Oxytocin and Ergometrine (alternatively Misoprostol) for treatment of postpartum haemorrhage

Adapted: Oxytocin for IM injection immediately postpartum

Adapted: Hydralazine for IV treatment of elevated blood pressure

Adapted: Magnesium Sulphate for eclampsia

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Translated: Oxytocin and Ergometrine (alternatively Misoprostol) for treatment of postpartum haemorrhage

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Translated: Magnesium Sulphate for eclampsia

Translated: Calcium Gluconate for intoxication with Magnesium Sulphate

Translated: Ampicillin for infections

Translated: Diazepam for pain relief

Translated:

Card ID: 13

Content: Supplies:

Type: paragraph

Adapted: Supplies:

Translated: Supplies:

Card ID: 14

Content: Delivery set

Content: Towels



Content: IV-equipment + IV fluids (woman + newborn)

Content: Foetoscope or Doppler

Content: Blood pressure monitor

Content: Ambu bag

Content: Suction bulb

Type: ul

Adapted: Delivery set

Adapted: Towels

Adapted: IV-equipment + IV fluids

Adapted: Foetoscope or Doppler

Adapted: Blood pressure monitor

Adapted: Ambu bag

Adapted: Suction bulb

Translated: Delivery set

Translated: Towels

Translated: IV-equipment + IV fluids

Translated: Foetoscope or Doppler

Translated: Blood pressure monitor

Translated: Ambu bag

Translated: Suction bulb

Card ID: 16

Content: During Transport

Type: subheader

Adapted: During Transport

Translated: During Transport

Card ID: 17

Content: Observe vital signs and level of consciousness.

Type: paragraph

Adapted: Observe vital signs and level of consciousness.

Translated: Observe vital signs and level of consciousness.

Card ID: 18

Content: If pregnant check FHR.

Type: paragraph

Adapted: If pregnant check FHR.

Translated: If pregnant check FHR.

Card ID: 19

Content: In case of excessive vaginal bleeding apply bimanual compression.

Type: paragraph

Adapted: In case of excessive vaginal bleeding apply bimanual compression.

Translated: In case of excessive vaginal bleeding apply bimanual compression.

Card ID: 27

Content: If the bleeding does not stop apply aorta compression (can be maintained up to 6 hours).

Type: paragraph

Adapted: If the bleeding does not stop apply aorta compression (can be maintained up to 6 hours).

Translated: If the bleeding does not stop apply aorta compression (can be maintained up to 6 hours).

Card ID: 21

Content: If the woman's condition permits:

Type: paragraph

Adapted: If the woman's condition permits:

Translated: If the woman's condition permits:

Card ID: 22

Content: Keep record of all IV fluids, medications given, time of administration and the woman's condition.

Type: paragraph

Adapted: Keep record of all IV fluids, medications given, time of administration and the woman's condition.

Translated: Keep record of all IV fluids, medications given, time of administration and the woman's condition.

Card ID: 23

Content: If in labour during transport:

Type: paragraph

Adapted: If in labour during transport:

Translated: If in labour during transport:

Card ID: 24

Content: Foetal heart rate (FHR) every half an hour.

Type: paragraph

Adapted: FHR every half an hour.

Translated: FHR every half an hour.

Card ID: 25

Content: If pushing and superficial breathing is not enough to repress this urge, stop

the transport and perform delivery.

Type: paragraph

Adapted: If pushing and superficial breathing is not enough to repress this urge, stop the transport and deliver the woman.

Translated: If pushing and superficial breathing is not enough to repress this urge, stop the transport and deliver the woman.