

MATERNAL SEPSIS



Maternal Sepsis is a life-threatening condition defined as organ dysfunction resulting from infection during pregnancy, childbirth, post-abortion or postpartum period (WHO 2016).

So who needs to get the Sepsis 6?
Women with infection +1,2 or 3

1

Immunosuppressed

Women who present unwell who are on treatment that puts them at risk of neutropenia, e.g. on anti-cancer treatment.

2

SIRS Response,

i.e. ≥ 2 modified SIRS criteria listed below. Note – physiological changes must be sustained ≥ 30 mins

- Respiratory rate ≥ 20 breaths/min
- Heart rate ≥ 100 bpm
- Temperature $< 36^\circ$ or $\geq 38^\circ\text{C}$
- WCC < 4 or $> 16.9 \times 10^9/\text{L}$
- Bedside glucose $> 7.7 \text{ mmol/L}$ (in the absence of diabetes mellitus)
- Fetal heart rate > 160 bpm

3

Clinically apparent new onset organ dysfunction due to infection.

Any 1 of the following signs of acute organ dysfunction:

- Altered Mental State
- RR > 30 breaths/min
- O_2 Sat $< 90\%$
- SBP < 100 mmHg
- HR ≥ 130 bpm
- Mottled or ashen appearance
- Non-blanching rash
- Other organ dysfunction

Just by doing these six simple things **in the 1st hour** you can double the woman's chance of survival

Sepsis 6 + 1 (If pregnant, assess fetal wellbeing)

Take 3

Bloods Cultures

(before 1st dose antimicrobial)

Blood Tests

(including POC Lactate)

Urine Output

(as part of perfusion status assessment)

Give 3

Oxygen

(if required)

I.V. Fluid

(if deficit)

I.V. Antimicrobials

(local guidelines)

1ST HOUR BUNDLE:

- Sepsis 6 completed (O_2 , Fluids, Antimicrobials, Cultures, Tests, UOP)

Assess the woman's response

3-HOUR BUNDLE:

- Diagnosis and treatment reviewed with blood and other test results
- Sepsis/Septic shock diagnosed and documented as appropriate
- Lactate repeated if 1st abnormal
- Assess need for Source Control
- Care escalated to specialist care as required

6-HOUR BUNDLE:

- Diagnosis and treatment reviewed
- Is the woman responding, stabilising or deteriorating?
- Pressors commenced in women with fluid resistant shock



For more information visit:
www.hse.ie/sepsis



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Clinical Strategy and
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Tús Áite do
Shábháilteacht 1 Othar
Patient Safety 1 First

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