

Algorithm fever
pregnancy

ALGORITHM fever in pregnancy

Algorithm for fever in pregnancy

1. Maternal emergency?

Sepsis/septic shock

Algorithm for fever in pregnancy

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Sepsis/septic shock

```
graph TD; A[Sepsis/septic shock] --> B[Systolic blood pressure ≤ 100 mm Hg  
Respiration rates ≥ 22/mn  
Confusion];
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graph TD; A[Sepsis/septic shock] --> B["Systolic blood pressure ≤ 100 mm Hg  
Respiration rates ≥ 22/mn  
Confusion"]; A --> C["Sepsis  
Need for vasopressors drugs to maintain medium blood pressure ≥ 65 mm Hg  
Lactates > 2 mmol/l (18mg/dl) despite vascular filling"];
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Respiration rates ≥ 22 /mn
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Algorithm for fever in pregnancy

1. Maternal emergency?

2. Obstetric emergency?

Onset of labor/Contractions
Rupture of membranes
Fetal tachycardia

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Intra-Uterine infection

=

Fever $>38^{\circ}\text{C}$

With 2 signs among:

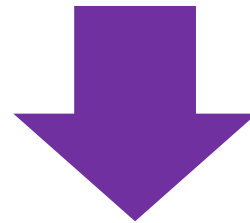
- Fetal tachycardia
- Contractions or onset of labor or abdominal pain
- Purulent liquid

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1. Maternal emergency?

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Onset of labor/Contractions
Rupture of membranes
Fetal tachycardia



**Induction of
labor/cesarean
Antibiot**

Intra-Uterine infection

=

Fever $>38^{\circ}\text{C}$

With 2 signs among:

- Fetal tachycardia
- Contractions or onset of labor or abdominal pain
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Algorithm for fever in pregnancy

1. Maternal emergency?
2. Obstetric emergency?
3. Other maternal bacterial/viral/parasitic infection requiring specific treatment?

Malaria +++

Pneumonia

Pyelonephritis

Influenza (flu)

Rash-associated fever (measles/chickenpox...)

Appendicitis

Algorithm for fever in pregnancy

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3. Other maternal bacterial/viral/parasitic infection requiring specific treatment?
4. TORSCH?

Toxoplasmosis

Other: measles/chickenpox/zika/B19

Rubella (German measles)

Syphilis

Cytomegalovirus (CMV) infection

Herpes infection

Algorithm for fever in pregnancy

1. Maternal emergency?
2. Obstetric emergency?
3. Other maternal bacterial/viral/parasitic infection requiring specific treatment?
4. TORSCH?
5. Benign identified cause?

Rhinopharyngitis, COVID,
Viral gastroenteritis...

Algorithm for fever in pregnancy

1. Maternal emergency?
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3. Other maternal bacterial/viral/parasitic infection requiring specific treatment?
4. TORSCH?
5. Benign identified cause?
6. Isolated fever: listeriosis?

Blood culture

Preemptive amoxicillin

To be continued regardless of the blood culture result

Except in case of an alternative diagnosis

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3. Other maternal bacterial/viral/parasitic infection requiring specific treatment?
4. TORSCH?
5. Benign identified cause?
6. Isolated fever: listeriosis?
7. Reassess at 48 hours

Among 104 febrile pregnant women in the emergency ward, 74% had a definitive alternative diagnosis, including pyelonephritis, chickenpox, bacterial pneumonia, influenza, and other confirmed viral infections.