

**Soluble Flt-1/Placental Growth Factor (sFlt-1/PlGF) ratio
for suspected preeclampsia between 20⁺⁰ and 36⁺⁶ weeks' gestation**

- Gestation 20+0 to 36+6 weeks
- New hypertension ($\geq 140/90$ mmHg) AND proteinuria (with PCR ≥ 30 mg/mmol) = **PRE-ECLAMPSIA**

- Gestation 20+0 to 36+6 weeks
- New hypertension ($\geq 140/90$ mm Hg) without proteinuria or with PCR < 30 mg/mmol
- OR worsening chronic hypertension
- OR worsening proteinuria in pre-existing renal disease or diabetes

DO NOT perform sFlt-1/PlGF test

DO NOT perform sFlt-1/PlGF test in multiple pregnancy
(Reference ranges for twins are not defined & preeclampsia can still occur in the short-term even with a result ≤ 38)
Involve consultant for management

PERFORM sFlt-1/PlGF test

PRE-ECLAMPSIA IMMINENT/CONFIRMED

- see pre-eclampsia guideline
- for close surveillance
- consider in-patient management
- [consider IOL where relevant – see 'Note' below**]

Involve CONSULTANT and decide management plan

**sFlt-PlGF > 85
High Risk**

56% risk of pre-eclampsia in 7 days

**sFlt-PlGF > 38 but ≤ 85
Intermediate Risk**

20% risk of pre-eclampsia in 7 days

**sFlt-PlGF ≤ 38
Low Risk**

0.4% risk of PE in 7 days
<3% risk of PE in 28 days

- start Telehealth for 1 week
- set up monitoring for days 2 & 5
- review on day unit on day 7

- start Telehealth for 2 weeks
- set up monitoring for day 7
- review on day unit on day 14

DO NOT perform sFlt-1/PlGF test

**BP $\geq 140/90$ and PCR ≥ 30
PRE-ECLAMPSIA CONFIRMED**

DAY UNIT RE-ASSESSMENT (Day 7 or 14)

- review telehealth monitoring
- check BP & urine stix for proteinuria (PCR *only if* proteinuria on stix testing)
- review BP/proteinuria & follow the relevant management option below
- discuss ALL cases where SBP ≥ 150 or DBP ≥ 100 with consultant

****Note:** sFlt-1/PlGF > 85 in isolation is not an indication for delivery under 37 weeks

**37+0 WEEKS OR MORE
Diagnosis = PIH or ongoing hypertension**

DO NOT perform sFlt-1/PlGF test
Involve consultant & decide management plan – consider IOL

**BP $\geq 140/90$
and no proteinuria (or PCR < 30)**

LESS THAN 37+0 WEEKS = REPEAT sFlt-1/PlGF
[Must be at least 7 days since previous test]
Arrange further telehealth as dictated by result
Arrange cons ANC after x2 cycles of telehealth

**BP less than 140/90
and no proteinuria (or PCR < 30)**

DO NOT perform sFlt-1/PlGF test
BACK TO NORMAL CARE PATHWAY