

# NSW Maternity Venous Thromboembolism Risk Assessment Tool and Supporting Resources

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## Background

- Venous Thromboembolism (VTE) accounts for 9.5% of maternal deaths in Australia<sup>1</sup>.
- The threat of VTE is often not recognized in the maternal setting.
- While the risk of VTE has been found to be greater during the post-partum than the antenatal period<sup>2</sup>, many VTEs still occur in the first trimester<sup>2</sup>.
- Early risk assessment and prevention is recommended.

## Aim

To develop a standardised VTE risk assessment tool for pregnant and post-partum women, and resources to support implementation.

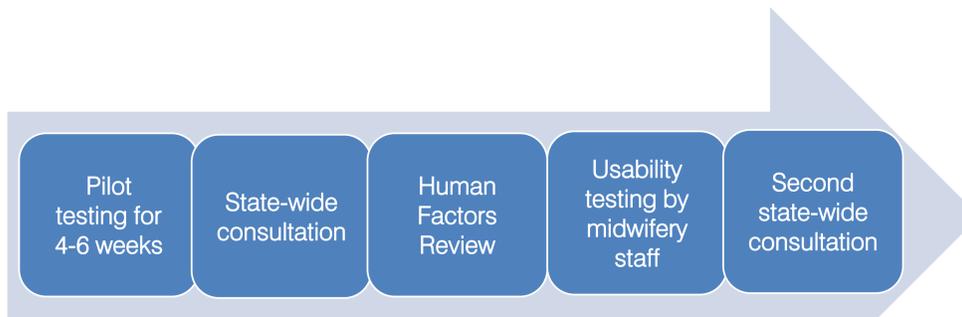
## Method

A working party was established comprising of clinical experts in Obstetrics and Midwifery to assist in the development of a standardised NSW Maternity VTE Risk Assessment Tool.

The working party's main objective was to:

- draft the assessment tool
- scope what resources would be required to support implementation.

The following steps were undertaken to test and refine the tool:



## Results

The NSW Maternity VTE Risk Assessment Tool was finalised and released for state-wide use in May 2017.

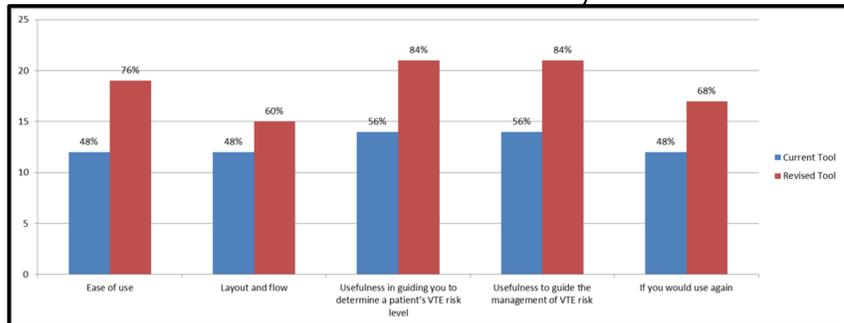


Figure 1: User Survey Results – Rating of 4 or 5

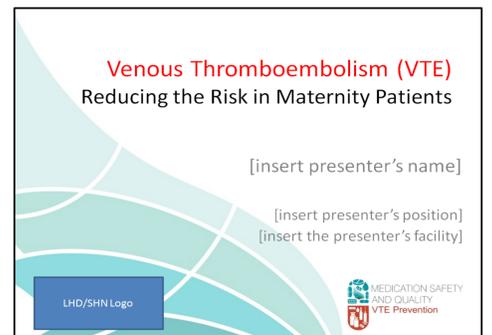
In order to support implementation, a number of resources were developed.

- References:
1. Humphrey MD, Bonello MR, Chughtai A, Macalodow A, Harris K & Chambers GM 2015. Maternal deaths in Australia 2008–2012. Maternal deaths series no. 5. Cat. no. PER 70. Canberra: AIHW.
  2. Royal College of Obstetricians and Gynaecologists. Reducing the risk of thrombosis and embolism during pregnancy and the puerperium. Green-top Guideline No.37a. 2009.

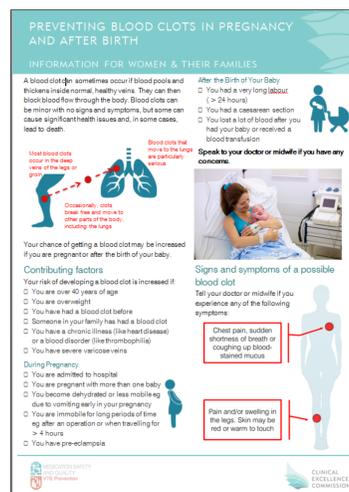
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## Resources for clinicians

- Clinician education package
  - Webinar
  - Presentation
  - Poster
  - Risk Assessment Tool



## Resource for patients



## Conclusion

A collaborative approach with several rounds of testing and consultation were used to develop a standardised VTE risk assessment tool and supporting resources to meet the unique needs of pregnant and post-partum women.