

The effects of implementing Basic Antenatal Care (BANC) Plus on workload, detecting hypertension and perinatal mortality



Background

- BANC Plus has been developed following the new WHO antenatal care guidelines of 2016.
- The Focused antenatal care with the reduced contacts- associated with an increase in stillbirths.
- BANC Plus was implemented on the 1st of April 2017



SA is one of the first countries to adopt BANC Plus.





Hypothesis

- Following the introduction of *BANC Plus*- the number of antenatal contacts and the proportion of women detected with hypertension will increase.
- Over time it is expected that the stillbirth rate would decline.



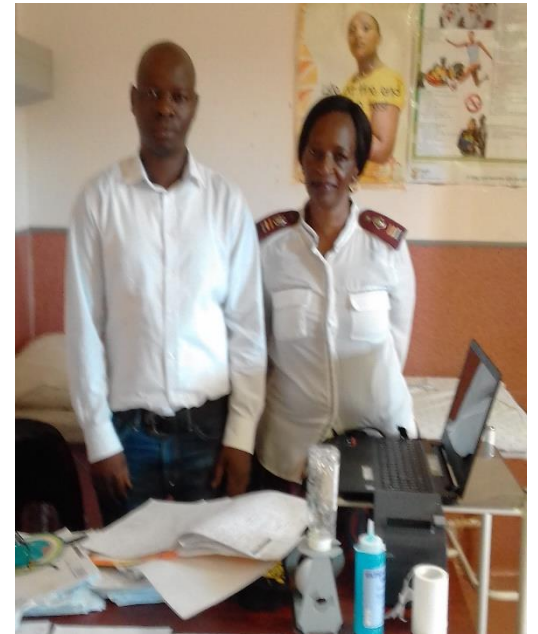
Aims

- To ascertain change in the number of contacts
- Change in the detection of antenatal hypertension
- Change in the number of stillbirths since the implementation of BANC Plus.
- Inform the national and global indicators

Setting

Four circumscribed catchment areas were used: sub-districts in South Africa

- 1 urban: Ekurhuleni Pholosong
- 2 pre-urban: Upington and Mafikeng
- 1 rural: Vhembe





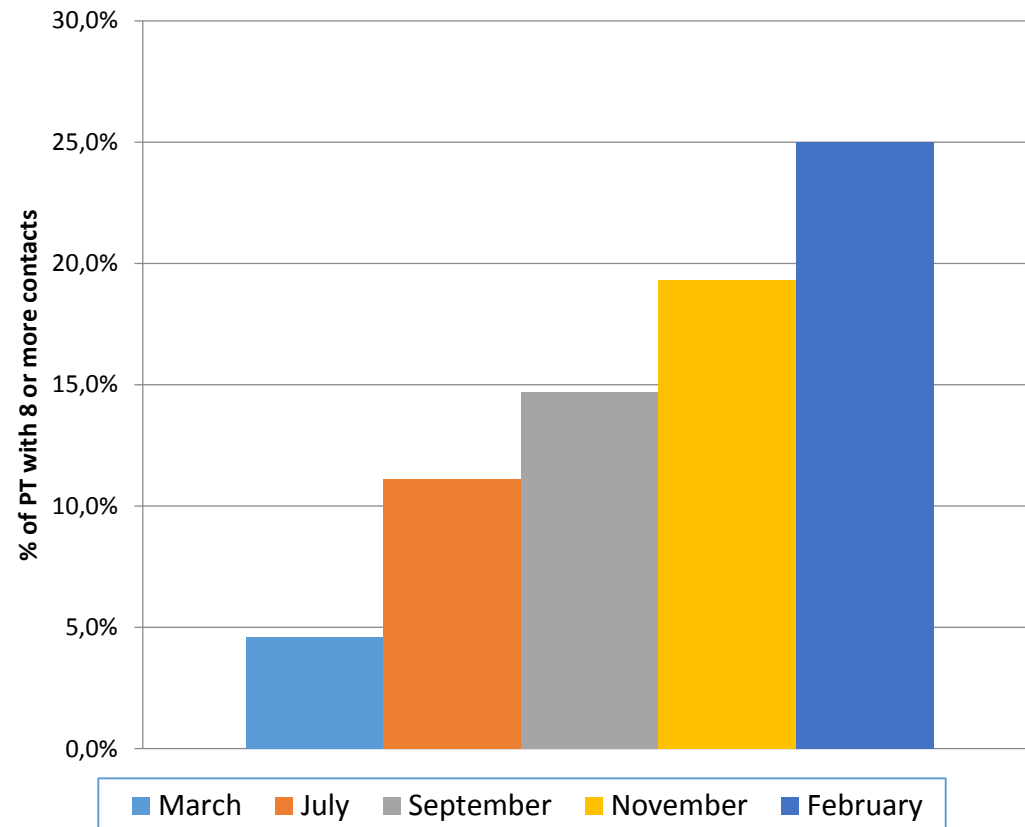
Methods

- Fifty consecutive maternity case records per catchment area.
- Collection in March, July, September, November and February to assess trends.
- Data was extracted for the number of contacts, detection antenatal hypertension and mortality by two researchers.
- The number of births, stillbirths and neonatal deaths for the sites over the period were recorded.

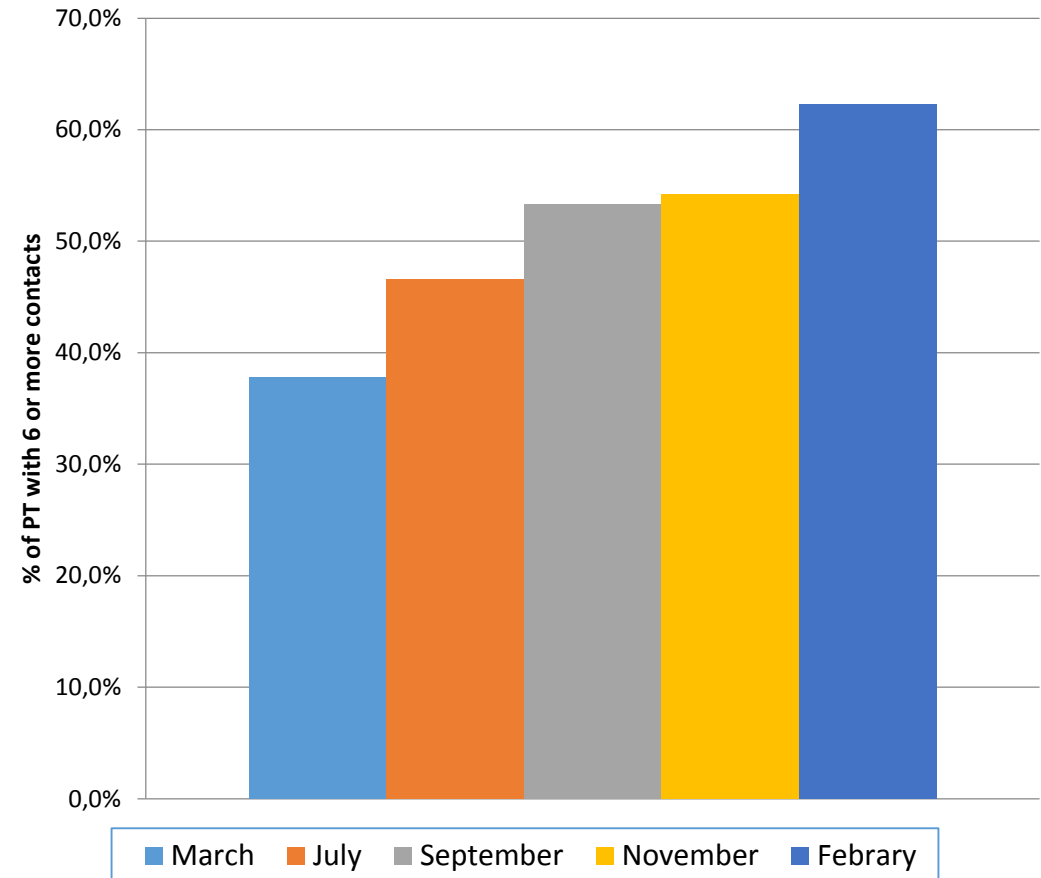
Results



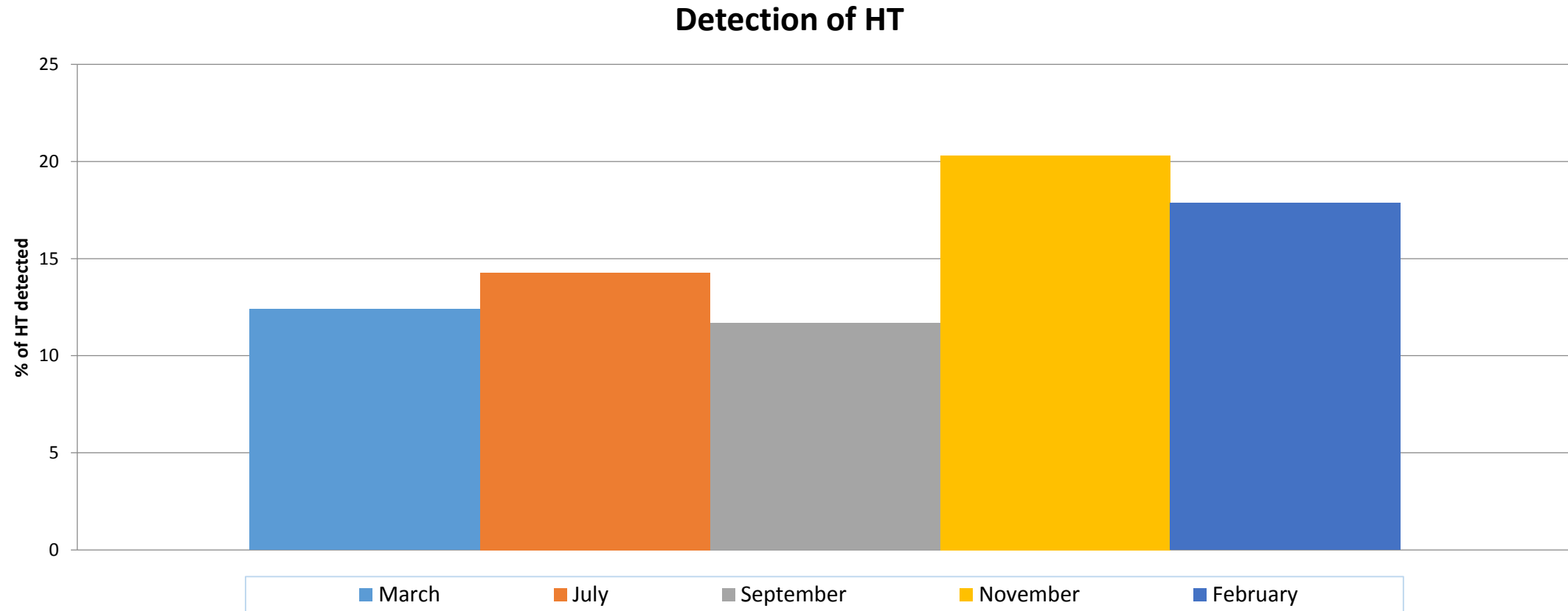
Eight or more contacts (N=1000)



Six or more contacts (N=1000)



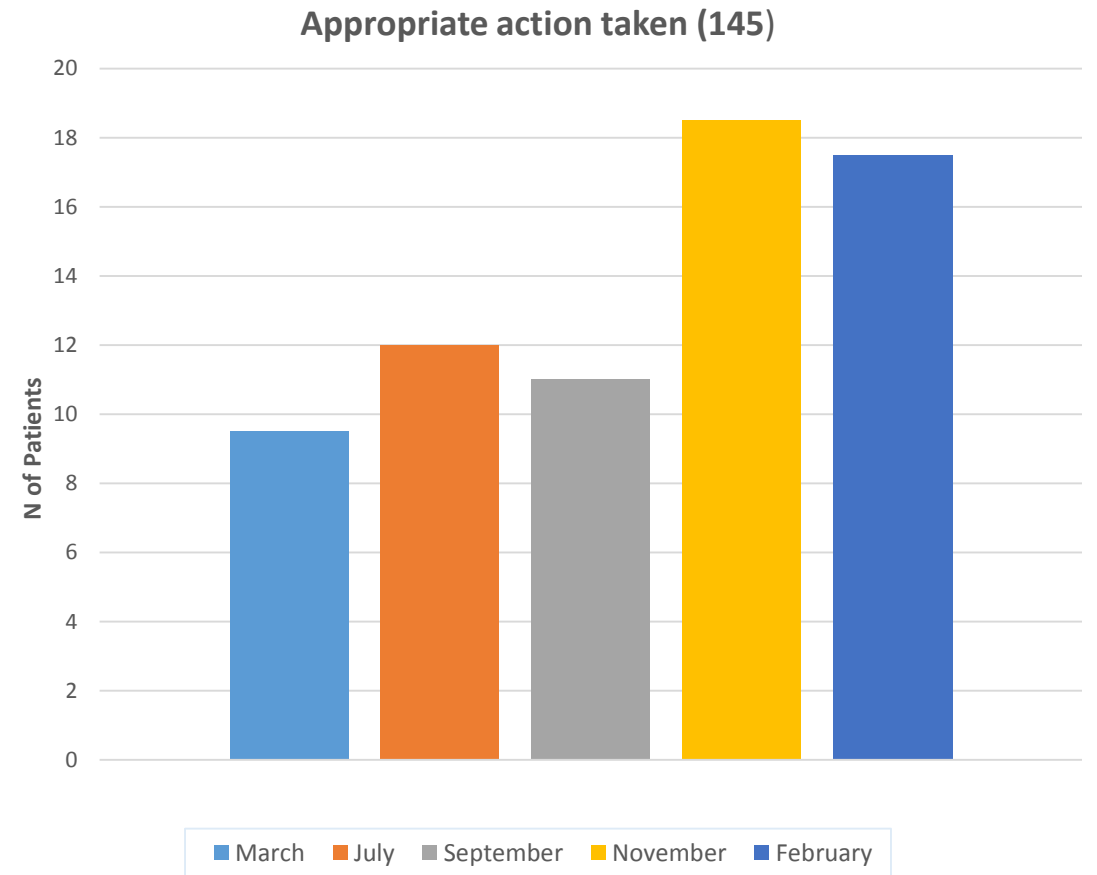
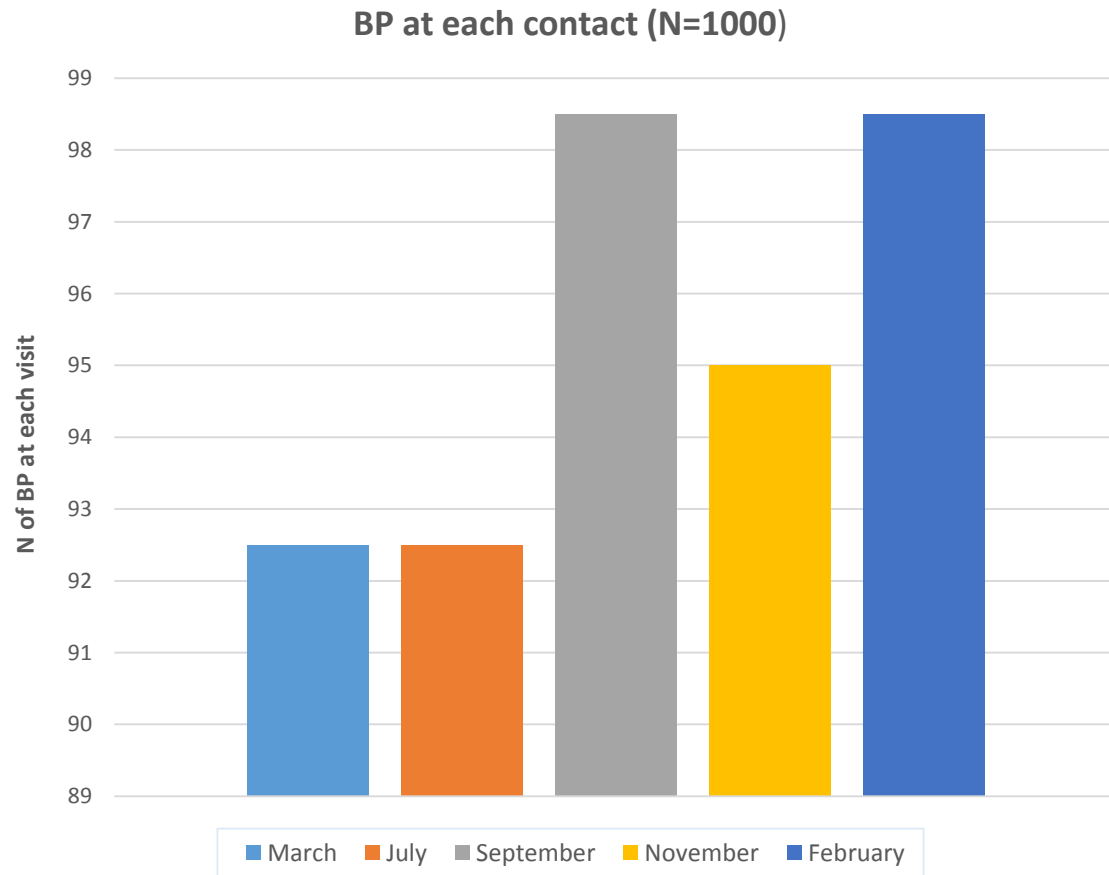
Results: Detection of Hypertension



- This equates to an average of 30% increase in hypertension detection from the baseline in March to February.



Results: BP recording, actions taken





Results: SBR

- PPIP
- Correlate with outcomes



Conclusion

- The change in antenatal policy has been implemented- as evidenced by the associated overall increased number of antenatal contacts.
- As hypothesised there has been an increased recording and detection of antenatal hypertension.
- Inform the national and global indicators



Implications

- The workload at both the primary health care clinic and the referral hospital has increased.
- The question remains as to how the increased numbers especially in referral will be dealt with.
- Other intervention or digital interventions



Thank You



“A Nation thrives when mothers survive; we must strive to keep them alive.” Ellen Johnson Sirleaf