

Jonathan Gaughran, Dorothea Miranda Geddes-Barton, Tom Lyne, Frances Bailey, Caroline Ovadia, Tom Holland

Background

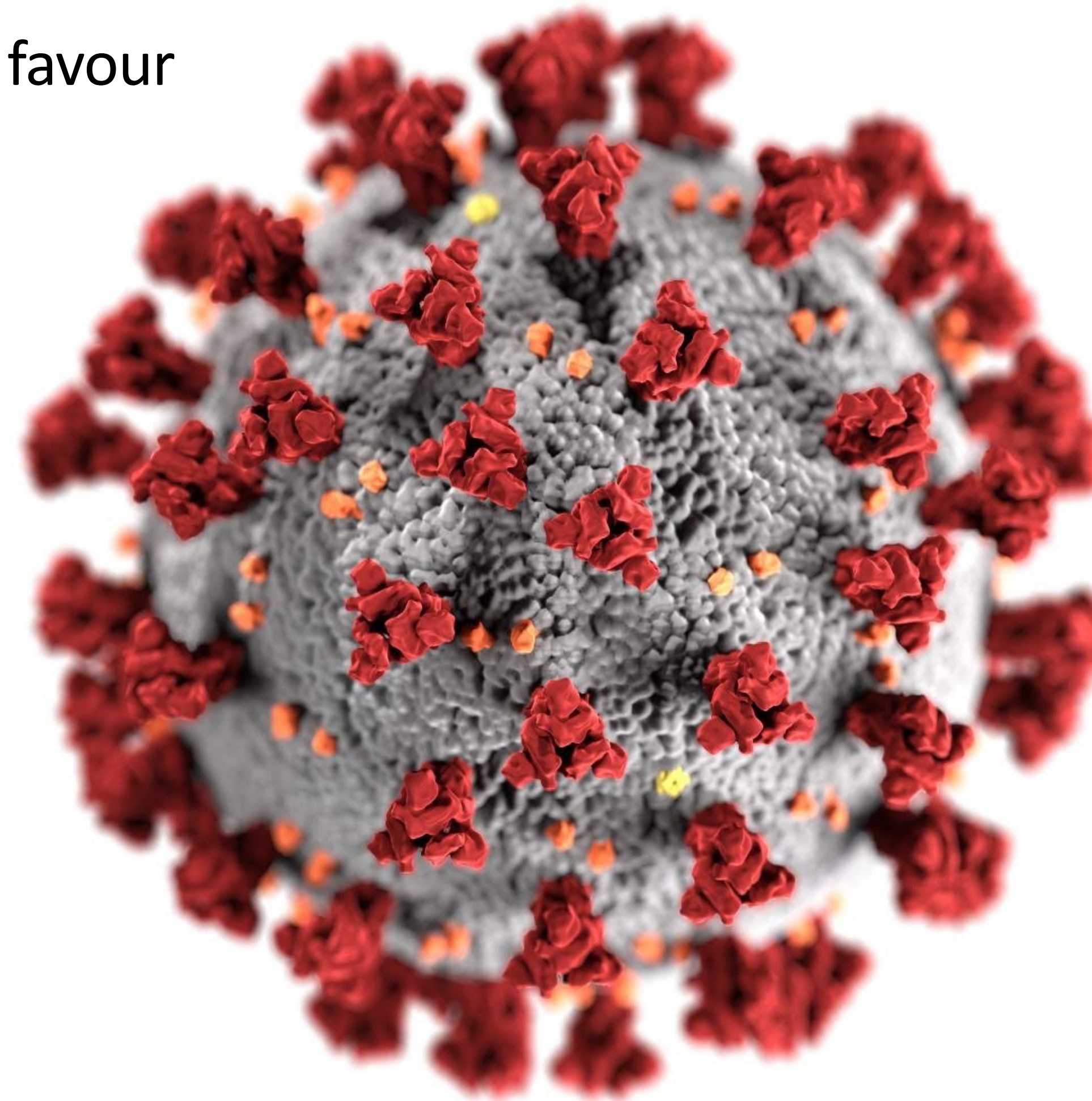
- 30th January 2020: WHO declared COVID-19 a public health emergency.
- NHS England: 'Reduce traffic in and out of hospitals'.
- Our Early Pregnancy Unit (EPU) suspends its walk in services in favour of a nurse-led telephone triage system.

Objective

- To assess if the pandemic and this adaptation to clinical services had an impact on the presentation, management, and complication rate of ectopic pregnancies.

Methods

- Retrospective review of Ectopic Pregnancies (EP) diagnosed in the EPU between 5th of March 2020 – 15th of July 2020 (pandemic) & 5th of March 2019 – 15th of July 2019 (pre-pandemic).
- Review of ultrasound findings, patient demographics, electronic patient records and operative notes.



Results

- 1463 women presented during pandemic vs 2254 pre (36% ↓).
- 31 EP diagnosed during pandemic -v- 42 pre (27% ↓).
- Median gestation at diagnosis :39 days (IQR 34-43.75) vs 43 days (IQR 38-52) (p= 0.49) .
- Median HCG: 1176mIU/ml (IQR 395-2746) vs 849mIU/ml (IQR 412-2719) (p=1.00).
- Median volume of mass: 15.80cm³ (IQR 11.45-28.30) vs 14.40cm³ (IQR 9.90-37.60) (p= 0.67).
- No statistical significance in rate of expectant vs medical vs surgical management.
- No statistical significance in incidence of haemoperitoneum, tubal rupture, blood loss >500ml or blood transfusion.

Conclusion

- A Nurse led telephone triage system is a safe means of caring for women with ectopic pregnancies.