



PRESENTATION OF THE EUROPEAN NETWORK OF FETAL IMAGING

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NEW TASK FORCE



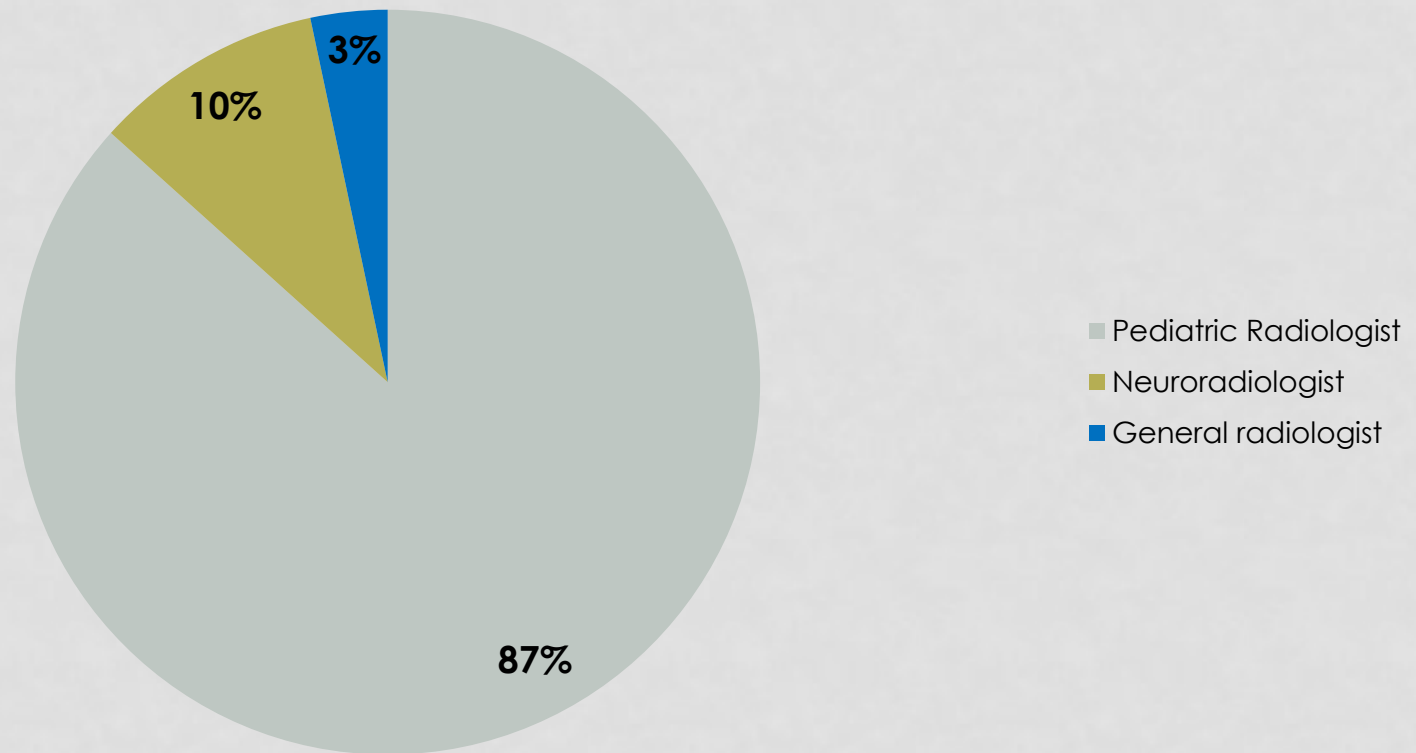
- Created in Berlin last year
- Dedicated to Fetal Imaging
- In Europe, great heterogeneity mainly related to different legislations of termination of pregnancy
- Questionnaire sent to all ESPR members
- Answers received from 60 colleagues, 17 countries and 46 cities

NUMBER OF FETAL MRI SCANS



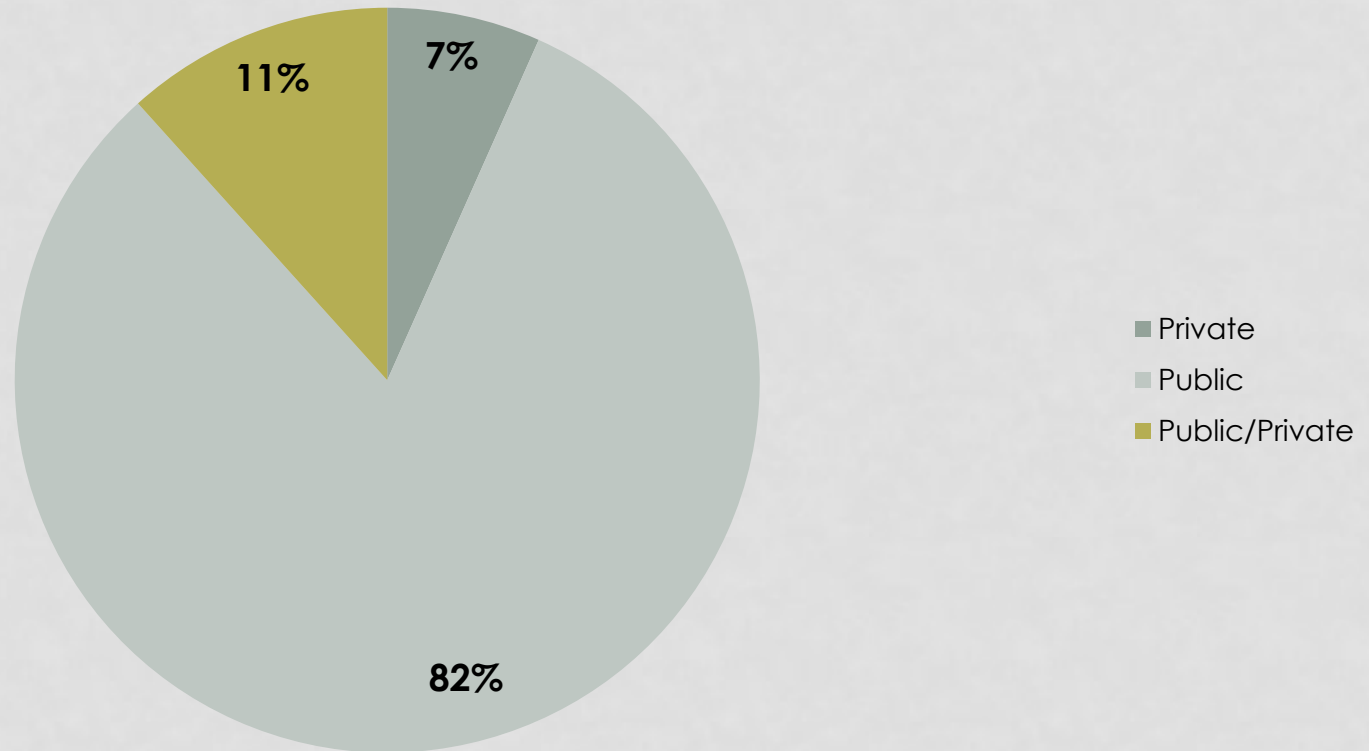
ARE YOU A PAEDIATRIC RADIOLOGIST?

Bias as the questionnaire was sent via the ESPR

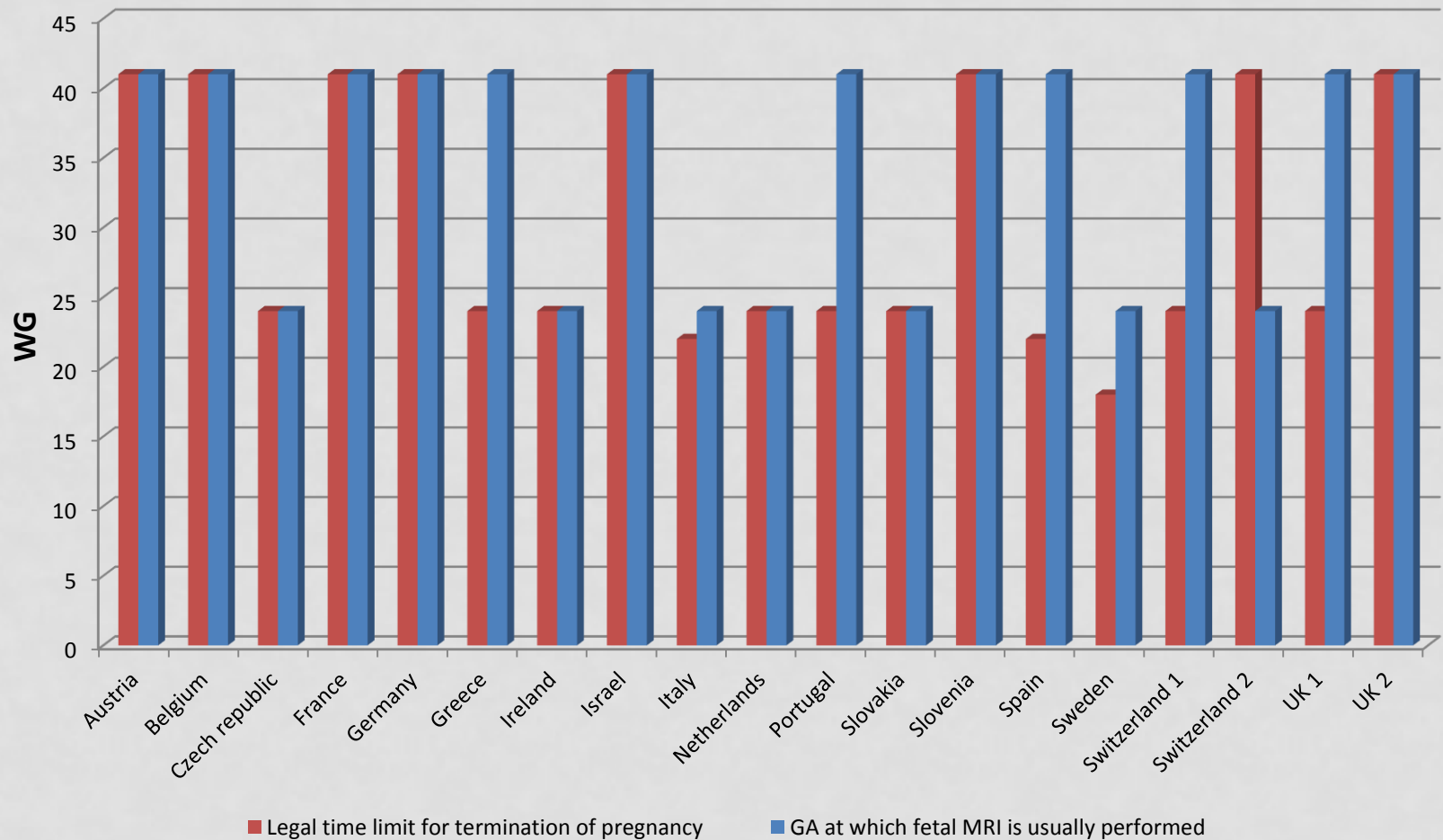


DO YOU WORK IN A PRIVATE/PUBLIC INSTITUTION?

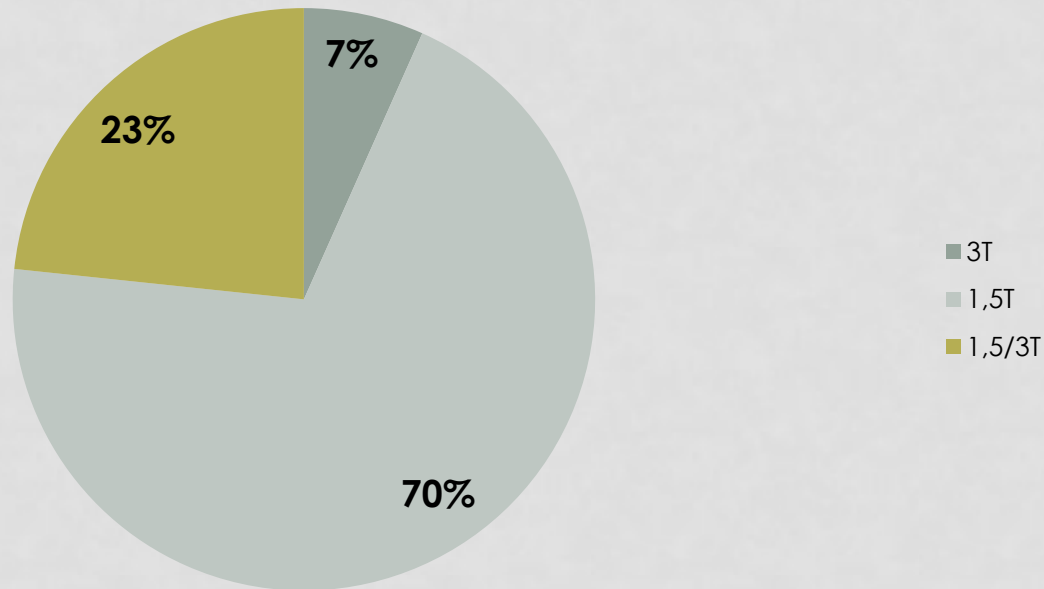
Fetal MRI: difficult to adapt to private practice



TERMINATION OF PREGNANCY/ GESTATIONAL AGE AT WHICH FETAL MRI IS PERFORMED



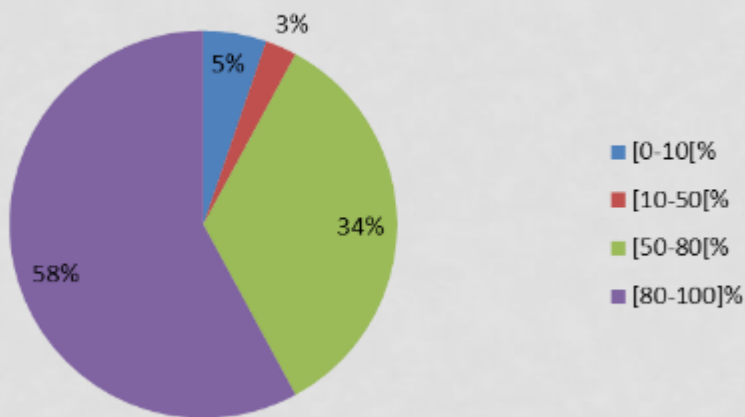
TYPE OF UNIT



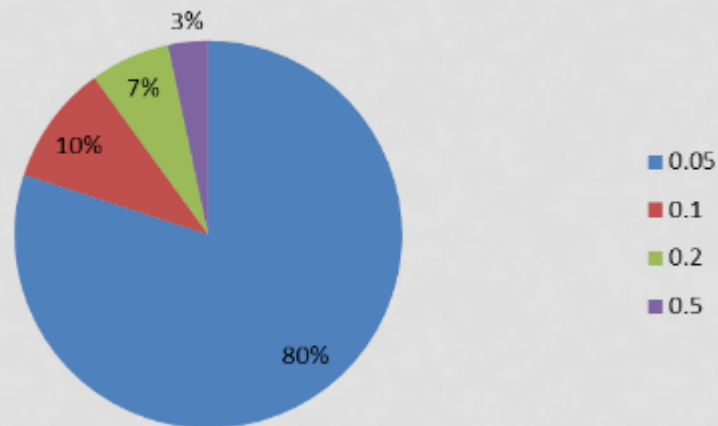
7-30 % of the examinations are performed at 3T

PROPORTION OF CEREBRAL MRI SCANS REPETITION OF EXAMINATIONS

Proportion of brain MRI

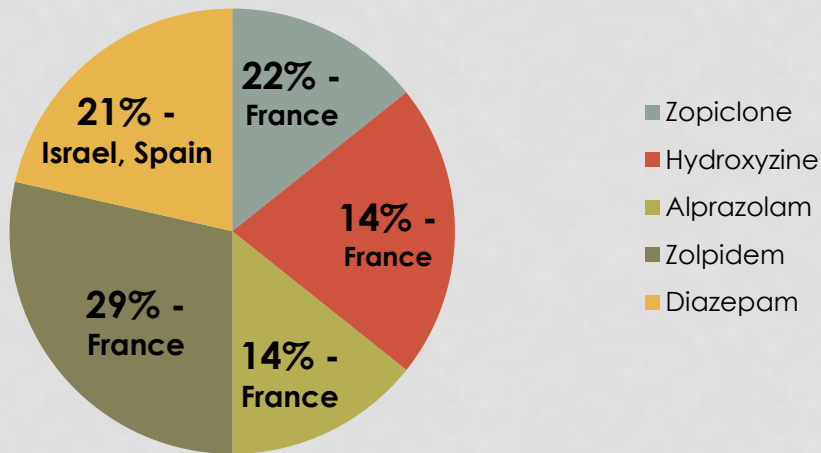
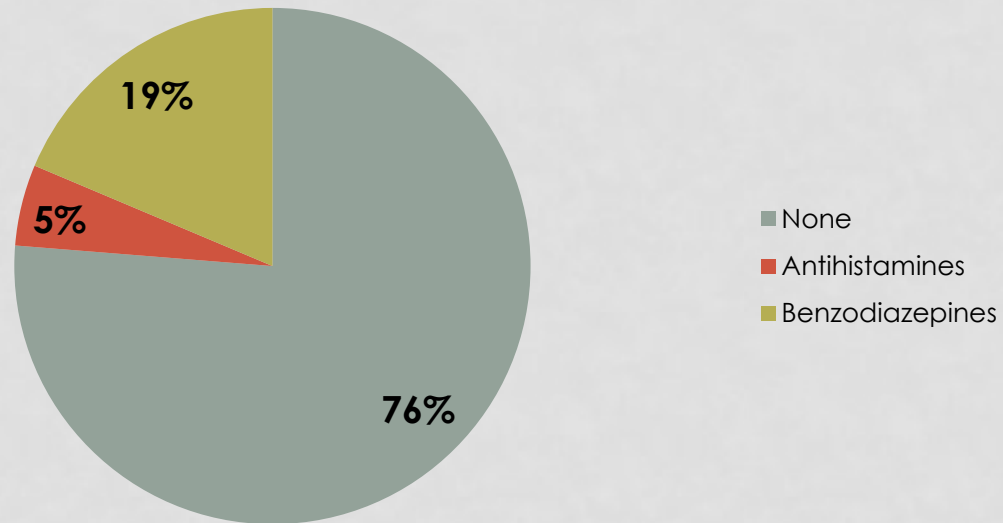


Proportion of repeated MRI



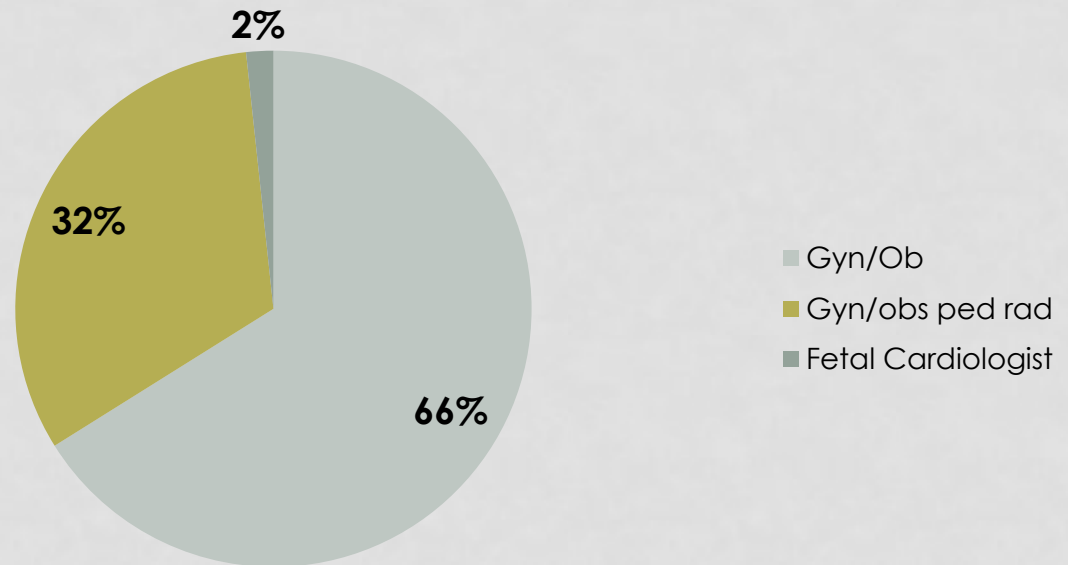
SEDATION

No maternal sedation apart from France, Israel and Spain



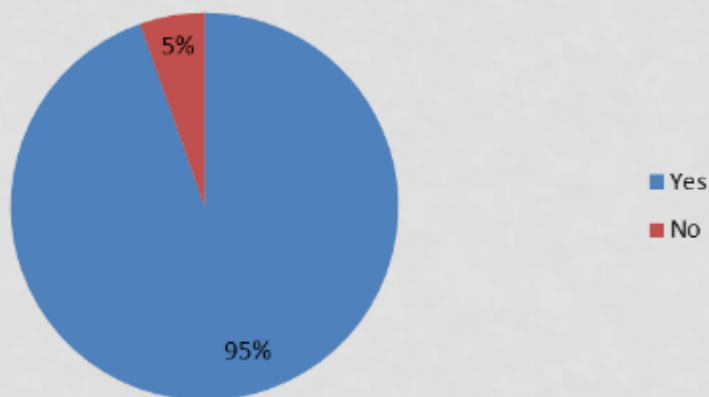
WHO PERFORMS US?

Very few Ped Rad perform fetal US: France ++, Belgium and UK (Glasgow)
Occasionally, those Ped Rad perform US just before MRI + some colleagues
who, otherwise do not perform US: UK (Glasgow), Italy (Chioggia), Czech
Republic (Prague)

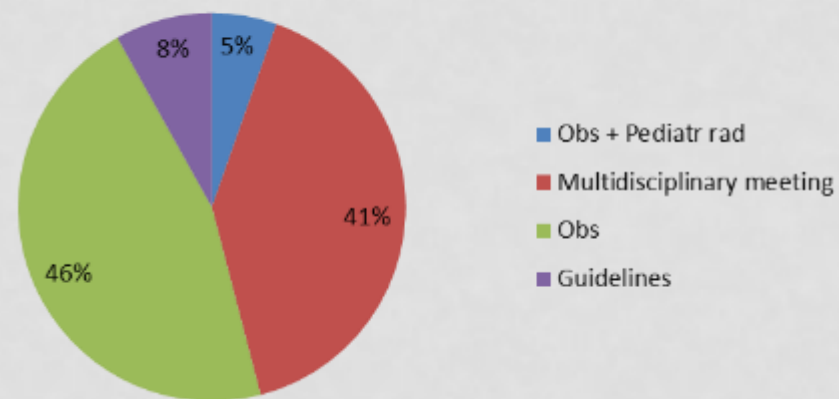


MULTIDISCIPLINARY MEETINGS INDICATIONS FOR MRI

Multidisciplinary meetings



MRI indication



COMPUTED TOMOGRAPHY

- Very few Ped Rad perform fetal CT: Belgium, France, Israel, Spain, UK
- Lowest gestational age:
 - 22-26 wks according to the institutions: Belgium
 - 24 wks : London, (UK)
 - 26 wks: France
- Number of scans per year
 - 2-12 according to the institutions

MANY THANKS TO:

Juliette Garel (Montreal, Canada)

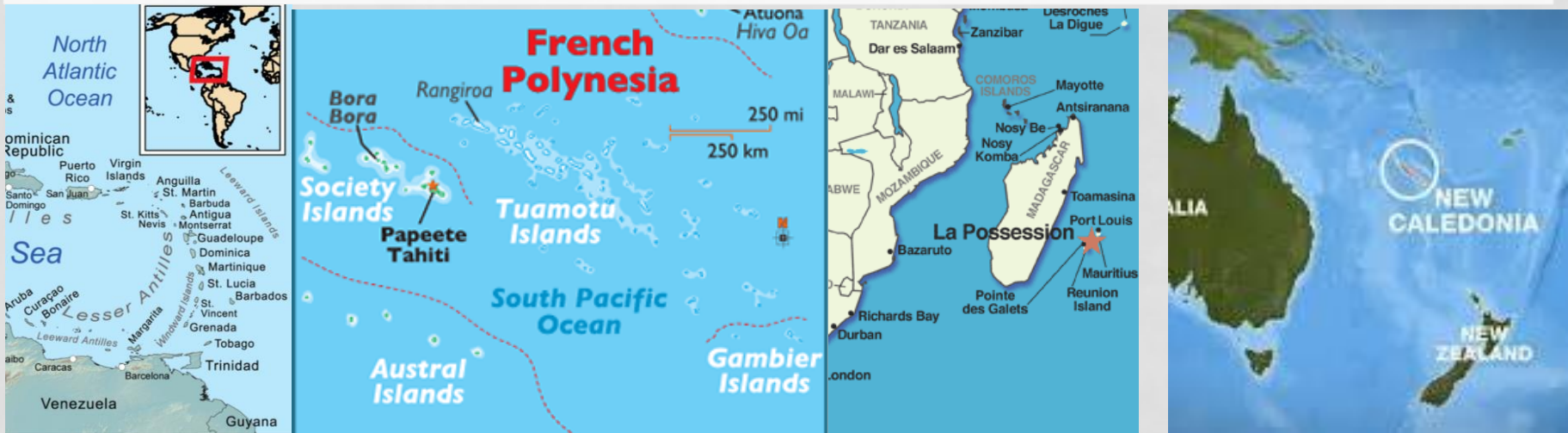
- 100 scans/year (90% brain)
- Public, no sedation
- 1.5 T, > 26 wks
- Practices fetal US

Teresa Victoria (Philadelphia, USA)

- 700 scans/year (80% brain)
- Public, no sedation
- Before and after 26 wks
- Does not practice fetal US
- Occasionally, US before MRI



AND WE DO NOT FORGET:



Colleagues in Martinique, Guadeloupe, Papeete, New Caledonia, Reunion Island (French territories) who practice fetal MRI

Colleagues in Europe who have not answered yet to the questionnaire: Norway, Finland, Denmark, Baltic states, Poland, Romania, Russia, Ukraine, Hungary, Slovakia, Bulgaria, Serbia....

