

SIMULACION EN OBSTETRICIA

LEIRE RODRIGUEZ GOMEZ
HOSPITAL UNIVERSITARIO
CRUCES



JUSTIFICACION

EMERGENCIAS OBSTETRICAS:
Baja incidencia y alto potencial de complicaciones

POR LA BAJA INCIDENCIA: No hay suficiente número “en vivo” para desarrollar pericia

SIMULACION EN OBSTETRICIA

PERMITE APRENDER DE LOS ERRORES

EVIDENCIA: mejora en la capacitación clínica de todos los profesionales sanitarios que atienden partos

SIMULACION



Habilidades



Role Play



Maniquí completo

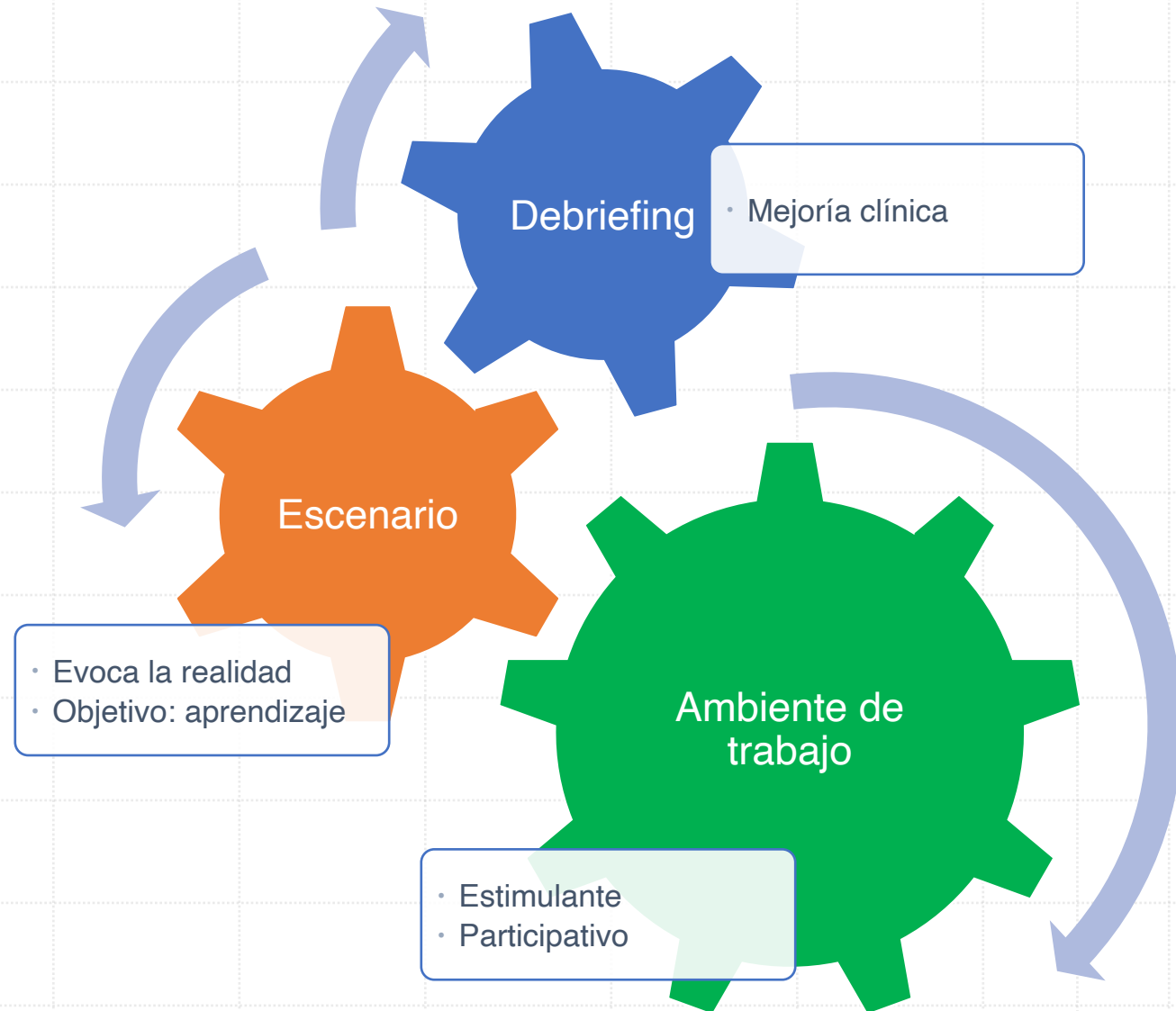


Table 1
Types of simulators

	Personnel Involved	Environment	Fidelity	Expense
Task trainer	Participant only; may require an observer	Any location	Low to medium	\$–\$\$
Full-body manikin	Usually several participants to form a team and simulationists	Full-immersion clinical simulation typically in a simulation center	High	\$\$\$
Hybrid	Patient-actor and participant; team may be involved	Full-immersion clinical simulation	Medium	\$–\$\$
VR	Participant only	Full-immersion clinical simulation created by device (center not necessary)	High	\$\$\$

doi: 10.1016/j.ogc.2021.07.003.

Simulation in Obstetrics and Gynecology: A Review of the Past, Present, and Future

Shena Dillon ¹

IX

XVI
I

XIX

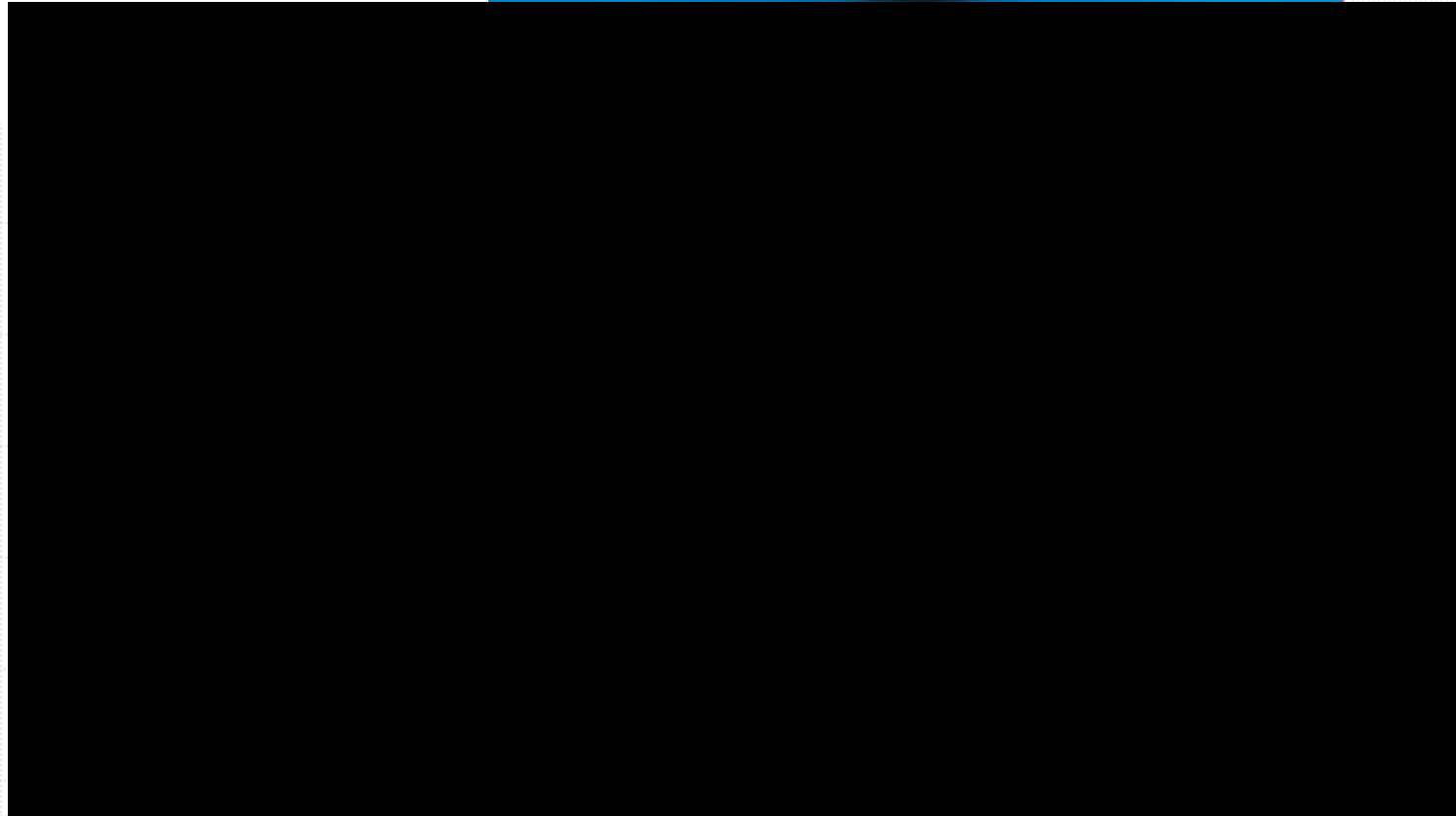
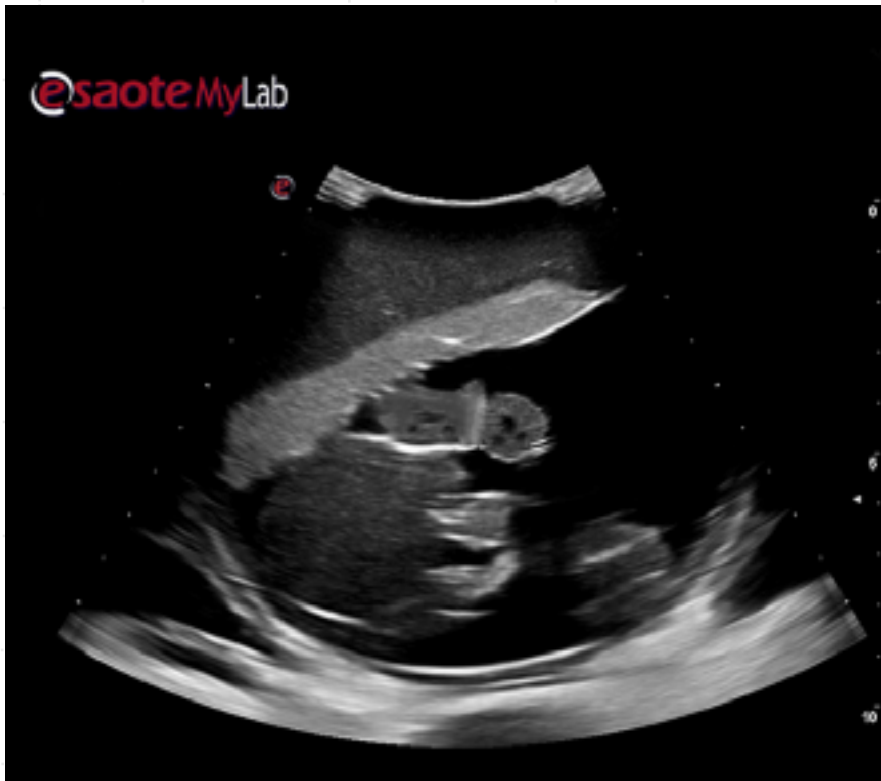
XX

XXI

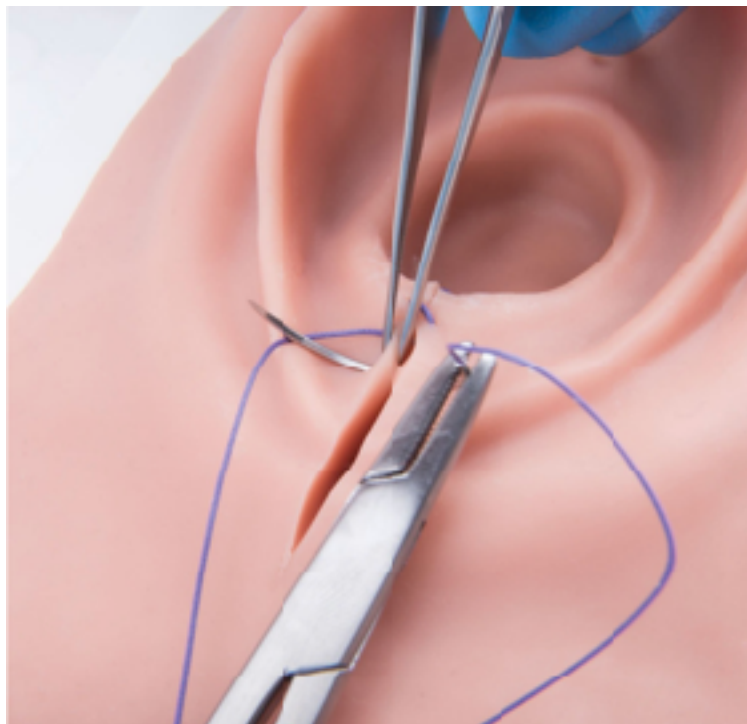




INVASIVAS ECO



DILATACION SUTURA HPP



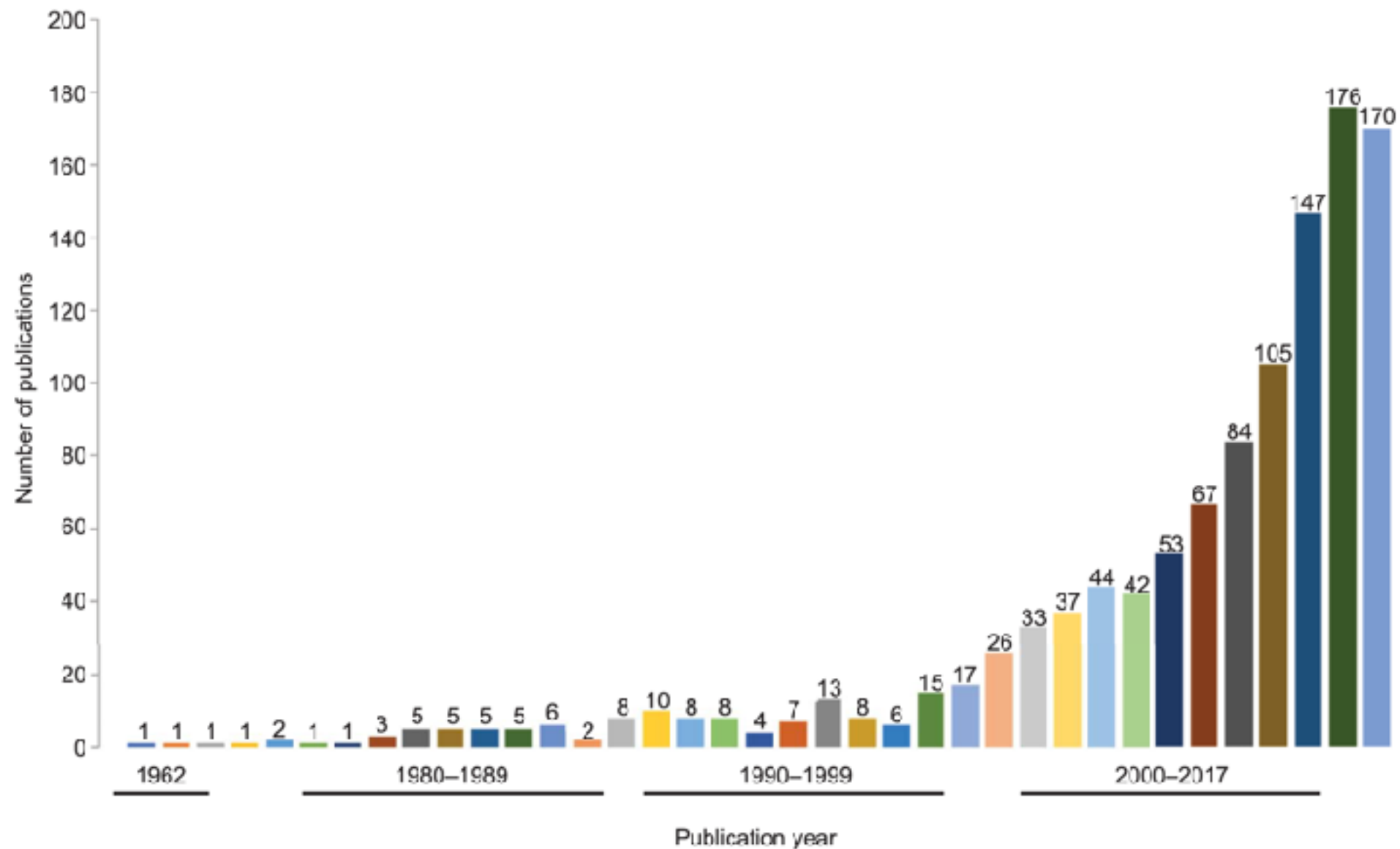


Fig. 1. Obstetric simulation publications over time.
Satin. Simulation in Obstetrics. Obstet Gynecol 2018.



EVIDENCIA: DISTOCIA HOMBROS

MEJORA TECNICA Y COMUNICACIÓN



- Deering S et al. Improving resident competency in the management of shoulder distocia with simulation training. Obstet Gynecol. 2004
- Crofts J et al. Training for shoulder distocia. Obstet Gynecol. 2006
- Goffman D et al. Improving shoulder distocia management among residents and attending physicians using simulations. Am J Obstet Gynecol. 2008

MEJORIA RESULTADOS Y DOCUMENTACIÓN



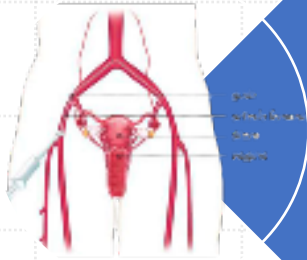
- Draycott et al. Improving neonatal outcome through practical shoulder distocia training. Obstet Gynecol. 2008; 112: 14-20
- Inglis S et al. Effects of shoulder distocia training on the incidence of brachial plexus injury. Am J Obstet Gynecol. 2011; 204: 322.e1-322.e6
- Crofts J et al. Prevention of brachial plexus injury-12 years of shoulder distocia training: an interrupted time-series study. BJOG. 2015;123:111-118



EVIDENCIA HEMORRAGIA POSTPARTO



Disminuyen transfusiones
41-50%



Disminuye embolización



Disminuye mortalidad
materna

- Bogne Kamdem V,. Using simulation team training with human's factors components in obstetrics to improve patient outcome: A review of the literature. Eur J Obstet Gynecol Reprod Biol. 2021

Together we can make childbirth safer

50%

Reduced HIE (hypoxic brain injury)

Introduction of PROMPT training in North Bristol NHS Trust led to less birth hypoxia.

34%

Reduced maternal deaths

The introduction of PROMPT to Mpilo Hospital in Zimbabwe has improved maternal survival.

\$38m

Savings in litigation

After introducing PROMPT, Kansas University Hospital improved outcomes for individuals and families, resulting in reduced litigation costs.

SEGO: CONGRESOS 2010-



SEGO FORMACION DE FORMADORES



2018



2019



2020



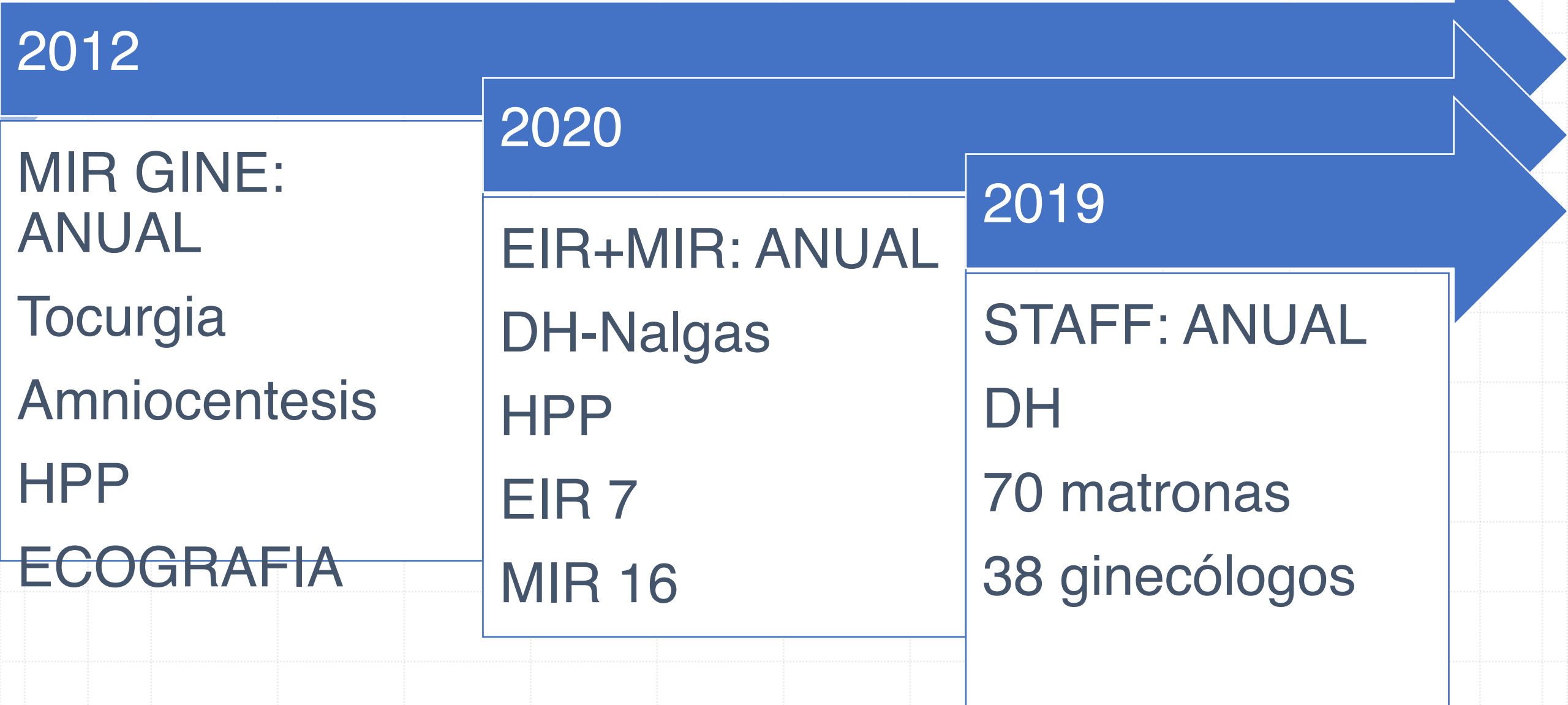
SEGO : RESIDENTES 2011-2022



**MÁS DE 2000
RESIDENTES
FORMADOS:
TOCURGIA
NALGAS
DH
VCE
DESGARROS**







FUTURO





Muchas Gracias
Eskerrik asko