

IS THE AGE OF A WOMAN A FACTOR FOR ABNORMAL CHROMOSOME?

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INTRODUCTION:

When Dr Down described Down Syndrome, it was in 1866 and the expectation of life in woman was the age of 40, and the age of pregnancy in woman was less than 30.

OBJECTIVE:

To demonstrate the age of woman is not very important for an abnormal Chromosome.

METHODS:

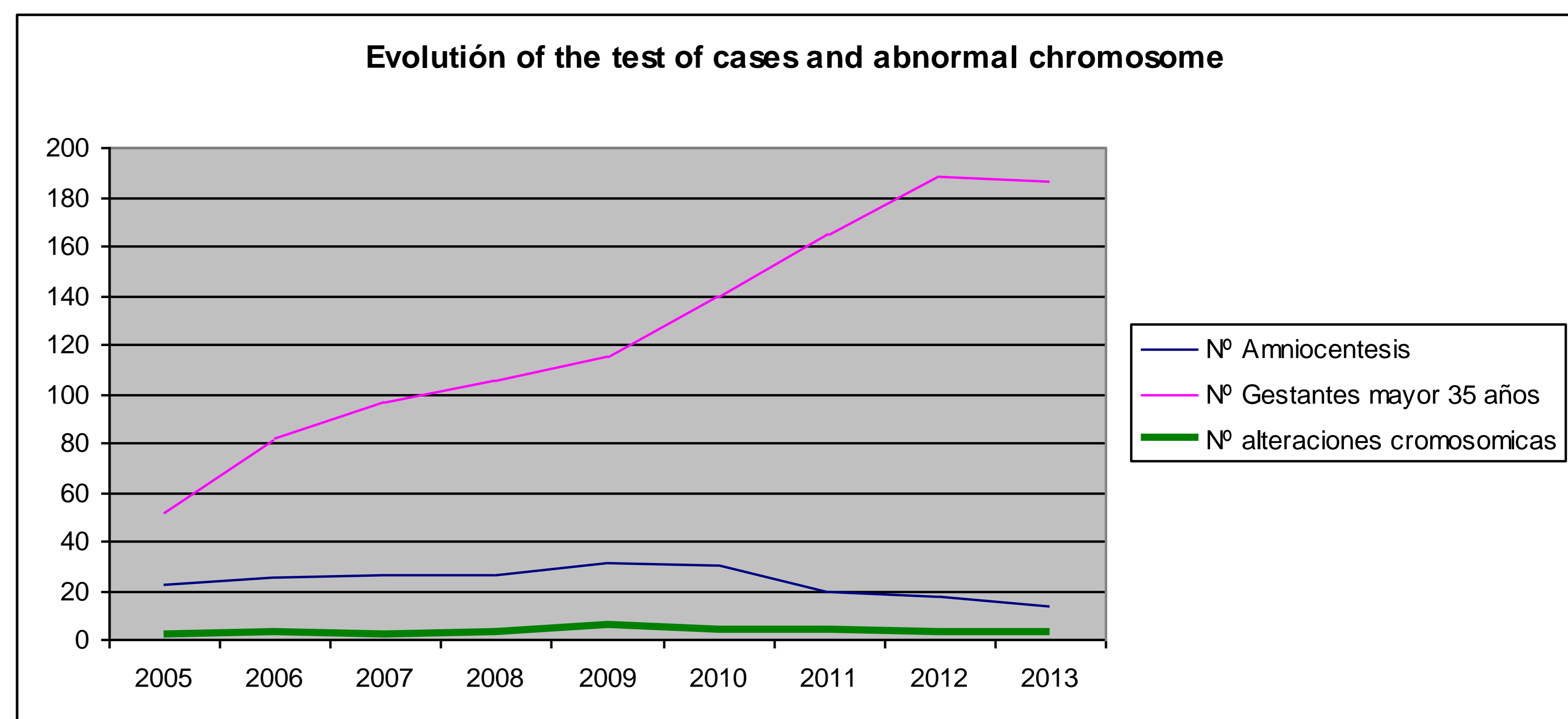
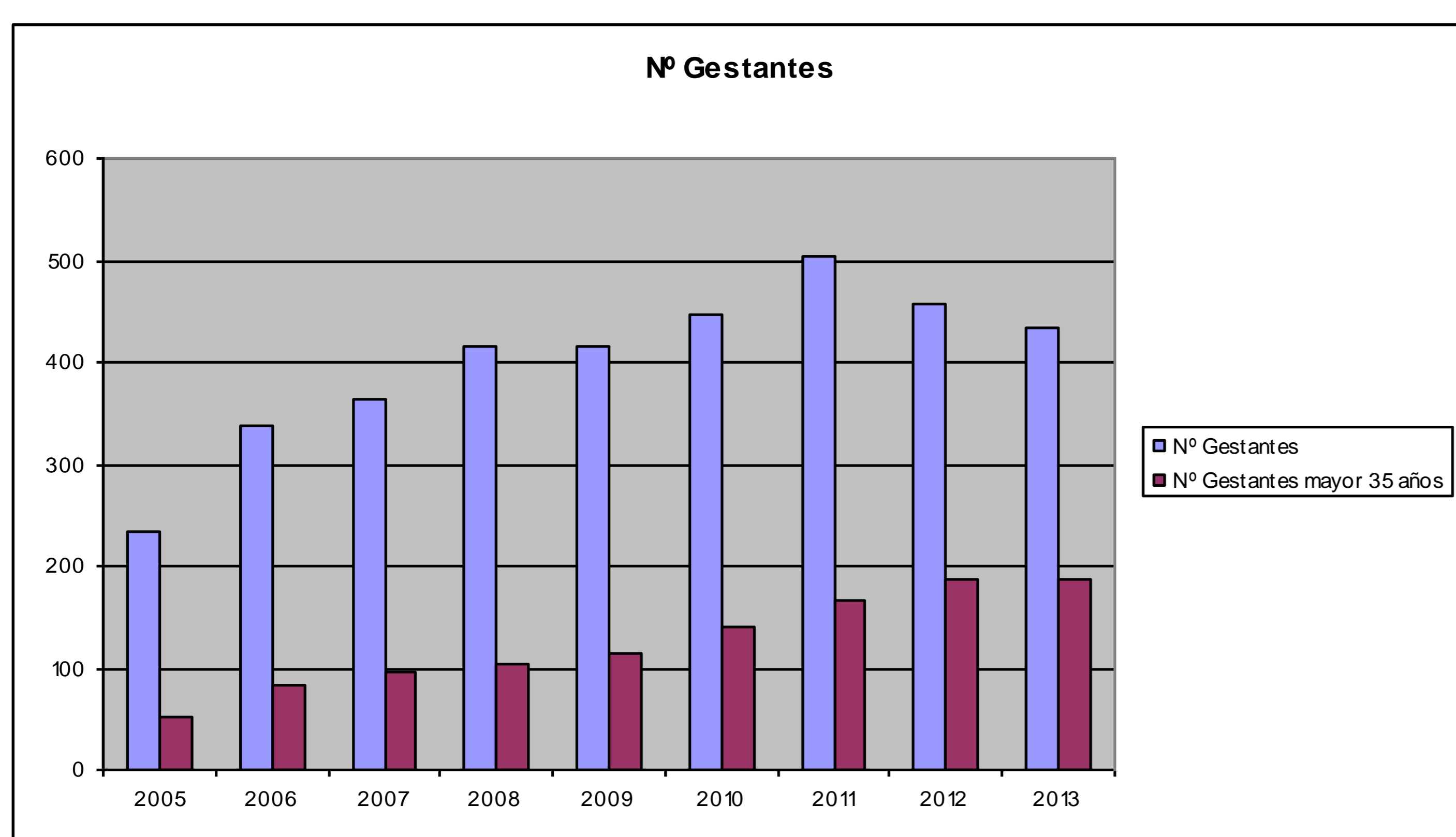
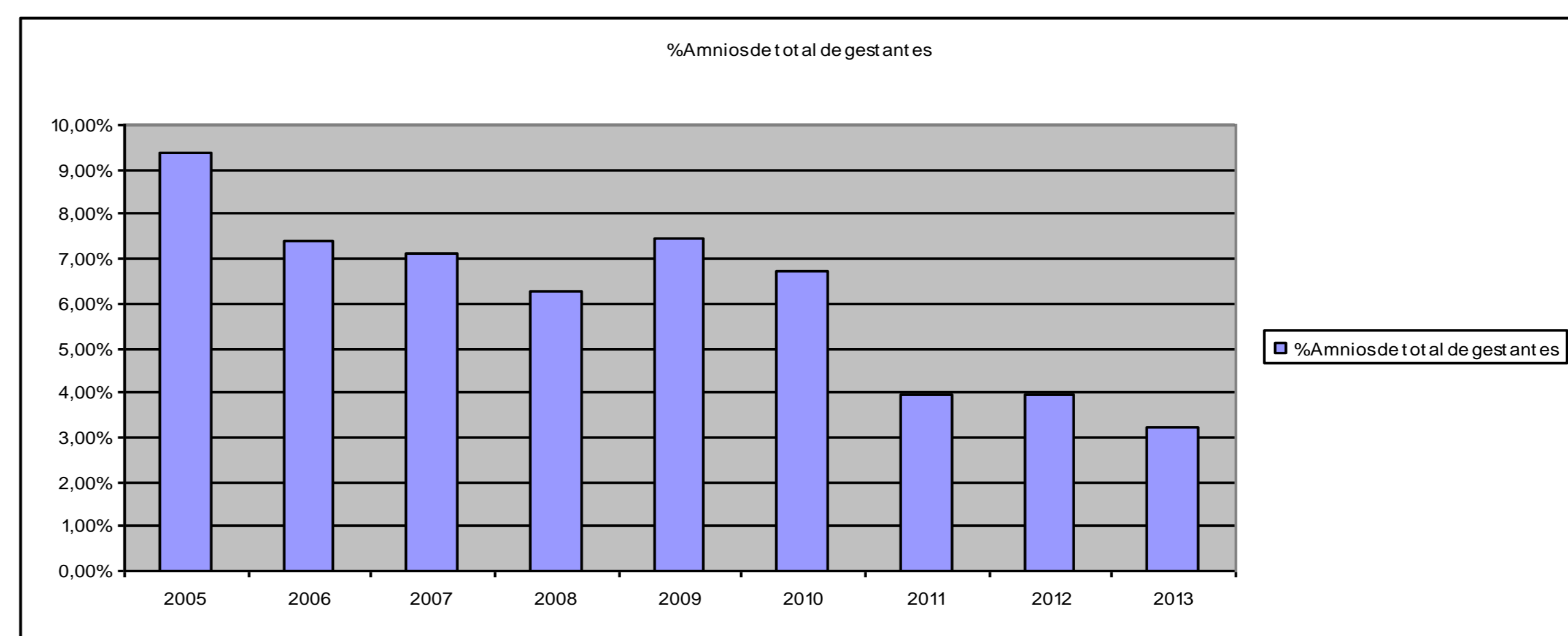
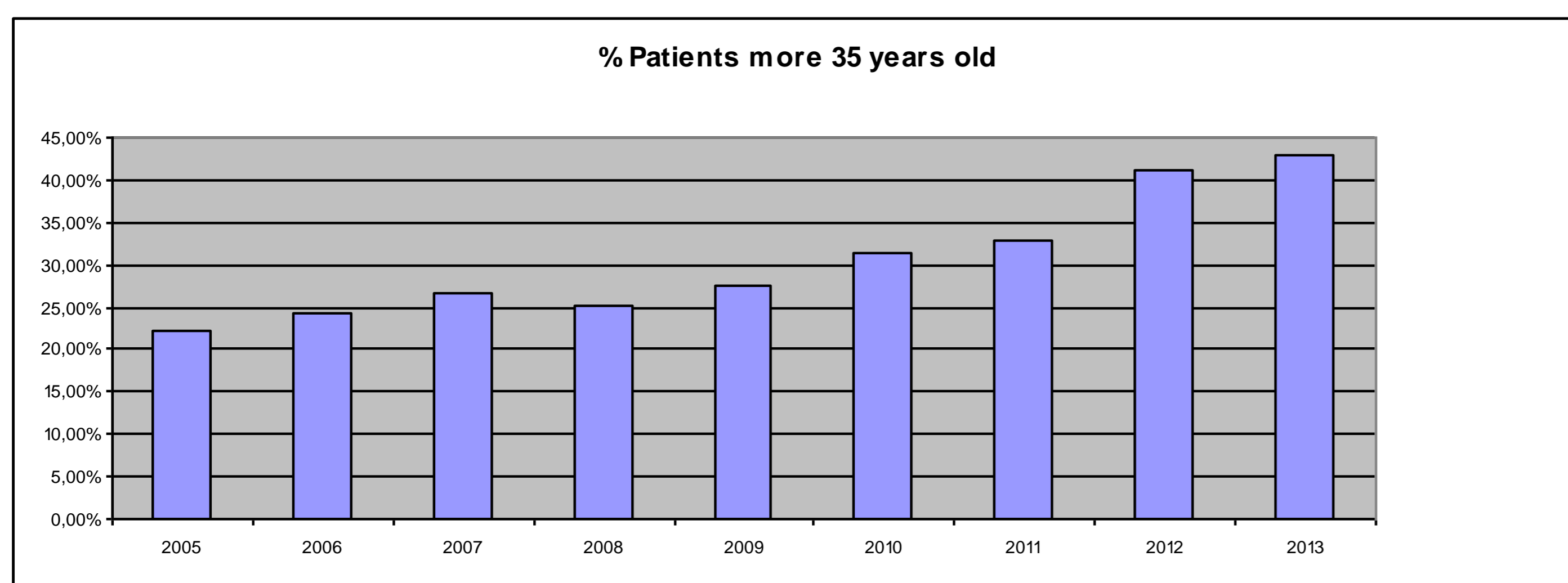
We did 3608 scans over a period of 9 years (2005-2013).

RESULTS:

- The result showed 86.9% of combined tests
- The average was 34 years old.
- From 2005 until 2007 only did an NT and blood test. Amniocentesis represented (9,36%-7,14%)
- 2008-2010 introduced a Nasal bone, Amniocentesis represented (6,27%-6,71%)
- 2011-2013 introduced a venus Ductus a Tricuspid Valve and facial angle. Amniocentesis represented (3,98%-3,23%)
- In the beginning we did 9.36% of amniocentesis
- In the second period we did 6.7% of amniocentesis
- and the last period we did 3.25% of amniocentesis
- And only did an amniocentesis when the result increased the risk.

Type of Screen	Number of casses	%
Neck Only	470	13.1 %
Combined Test	3138	86.9 %

AÑO	N GESTANTES	EDAD >35 A	%	ARSD	Nº AMNIOS	% Amnio	ALT CR
2005	235	52	22,13%	10	22	9,36%	2
2006	338	82	24,26%	14	25	7,40%	3
2007	364	97	26,65%	21	26	7,14%	2
2008	415	105	25,30%	23	26	6,27%	3
2009	416	115	27,64%	24	31	7,45%	6
2010	447	140	31,32%	25	30	6,71%	4
2011	503	165	32,80%	29	20	3,98%	4
2012	456	188	41,23%	52	18	3,95%	3
2013	434	186	42,86%	47	14	3,23%	3



CONCLUSIONS:

- 1) We Observed an increase in the age of the woman
- 2) In 2005 the age of more than 35 years represented 22%, in 2013 represented 42%.
- 3) We used this test on 86.9% of our patients.
- 4) Independent of age it is necessary to do the TCS on all woman
- 5) When we introduce more "marck" our scan is more exact.
- 6) The number of abnormal chromosome remained the same during all period.
- 7) It is possible to do a amniocentesis 3.23% and reduce the risk of Abortion
- 8) Our experience we think that is very important to have an audit for I trimestre scan.