

## 7694 CHORIONIC VILLI SAMPLES (first trimester CVS) for chromosome analysis.

The cases are consecutive and single center.

### COMPARED GROUPS WITH NO SCREENING TEST AND WITH COMBINED TEST SHOW LOW SIGNIFICANCE OF FIRST TRIMESTER ANTENATAL SCREENING FOR TRISOMIES DETECTION

IL PARAGONE FRA GRUPPI DI CASI SENZA TEST DI SCREENING E CON IL TEST COMBINATO MOSTRANO ASSENZA DI SIGNIFICATIVITA' DELLO SCREENING PRENATALE NEL PRIMO TRIMESTRE PER LE TRISOMIE

#### NO SCREENING TEST.

SCRIMMAGE BY NT MEASUREMENTS

NESSUN TEST. DATI SEPARATI PER MISURE NT

NT mm	CASES	ALL TRISOMIES	ALL TRIS > AGE 35	TRIS 21	TRIS/CASES	TRIS>35/ALL TRIS
0-1,9	3749	9	7	5	0,002	0,8
2-3,9	992	29	25	21	0,03	0,9
4-5,9	53	15	11	11	0,28	0,7
6-9,9	16	8	6	4	0,5	0,7

#### NT, free $\beta$ -hCG, PAPP-A, 10-12 weeks gestation. COMBINED TEST.

CASES RESULTED AT RISK FOR TRISOMY. SCRIMMAGE BY NT MEASUREMENTS  
CASI RISULTATI A RISCHIO PER TRISOMIE. DATI SEPARATI PER MISURE NT

NT mm	CASES	ALL TRISOMIES	ALL TRIS > AGE 35	TRIS 21	TRIS/CASES	TRIS>35/ALL TRIS
0-1,9	2248	6	5	3	0,002	0,8
2-3,9	595	17	14	9	0,03	0,8
4-5,9	31	10	7	5	0,32	0,7
6-9,9	10	6	4	2	0,6	0,7

The group of data: NO SCREENING TEST vs NT, free  $\beta$ -hCG, PAPP-A COMBINED TEST can be OVERLAPPED

ONLY AGE AND NT SEEM TO BE RELEVANT FOR THE INCREASE IN TRISOMIES AND TRISOMY 21, DRAMATICALLY OVER NT = 4, AND INDEPENDENT RESPECT BIOCHEMICAL DATA CONTRIBUTING TO DEFINE AN INCREASED RISK.