

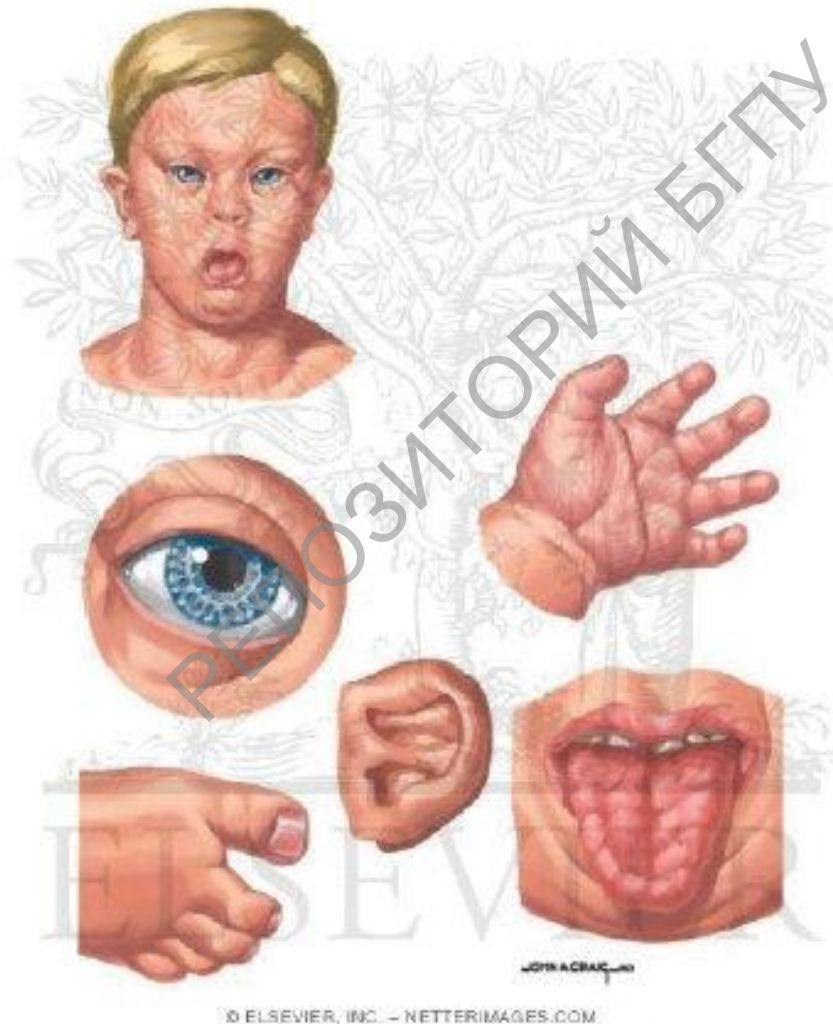
**Belarussian State Pedagogical University named
after M. Tank**

**Inclusive Education Institute
Correction and Development Technologies
Department**

**Human Genetics Foundations
Dawn Syndrome**

D. L. Nikolaev, associate professor

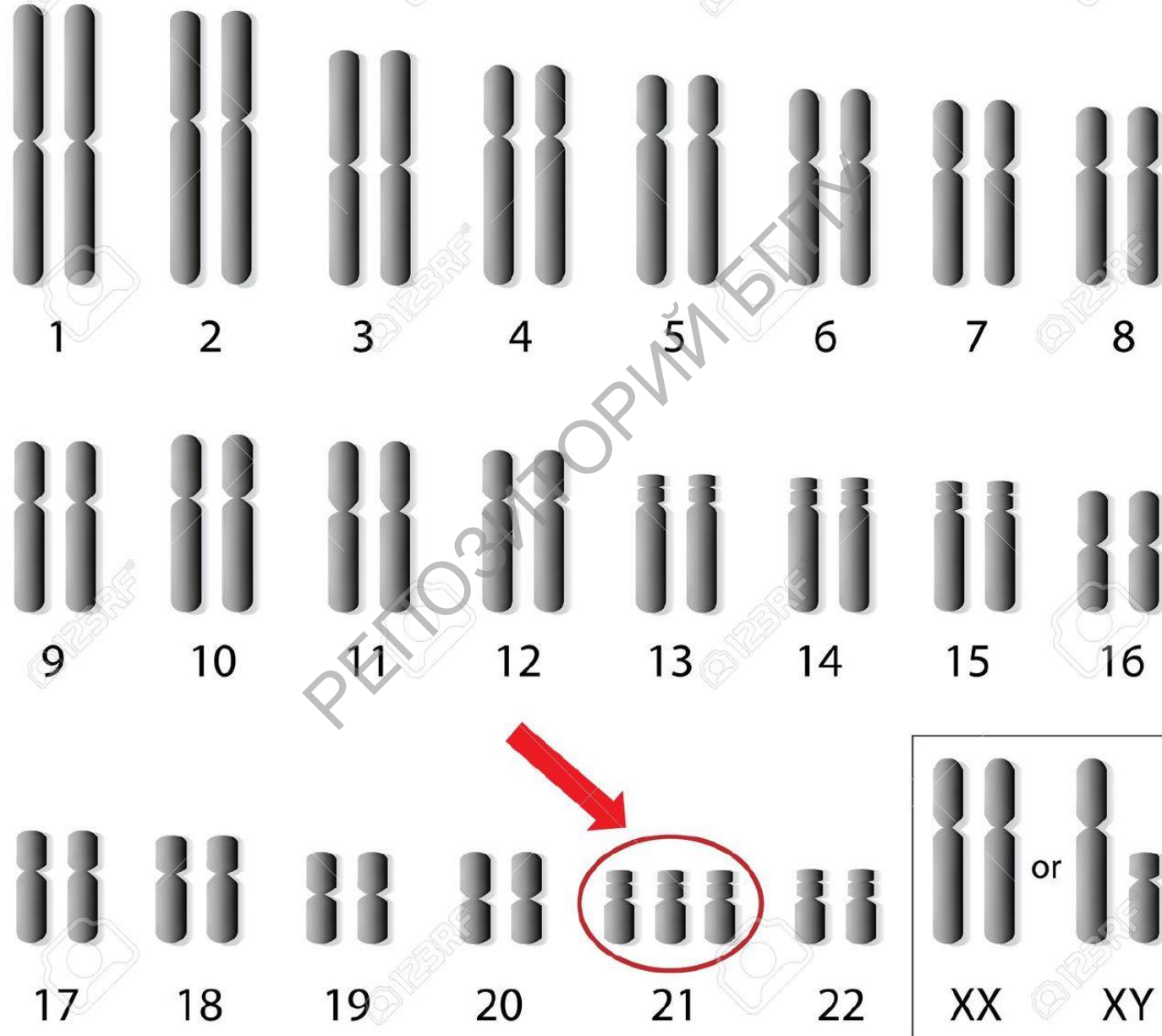
Down Syndrome



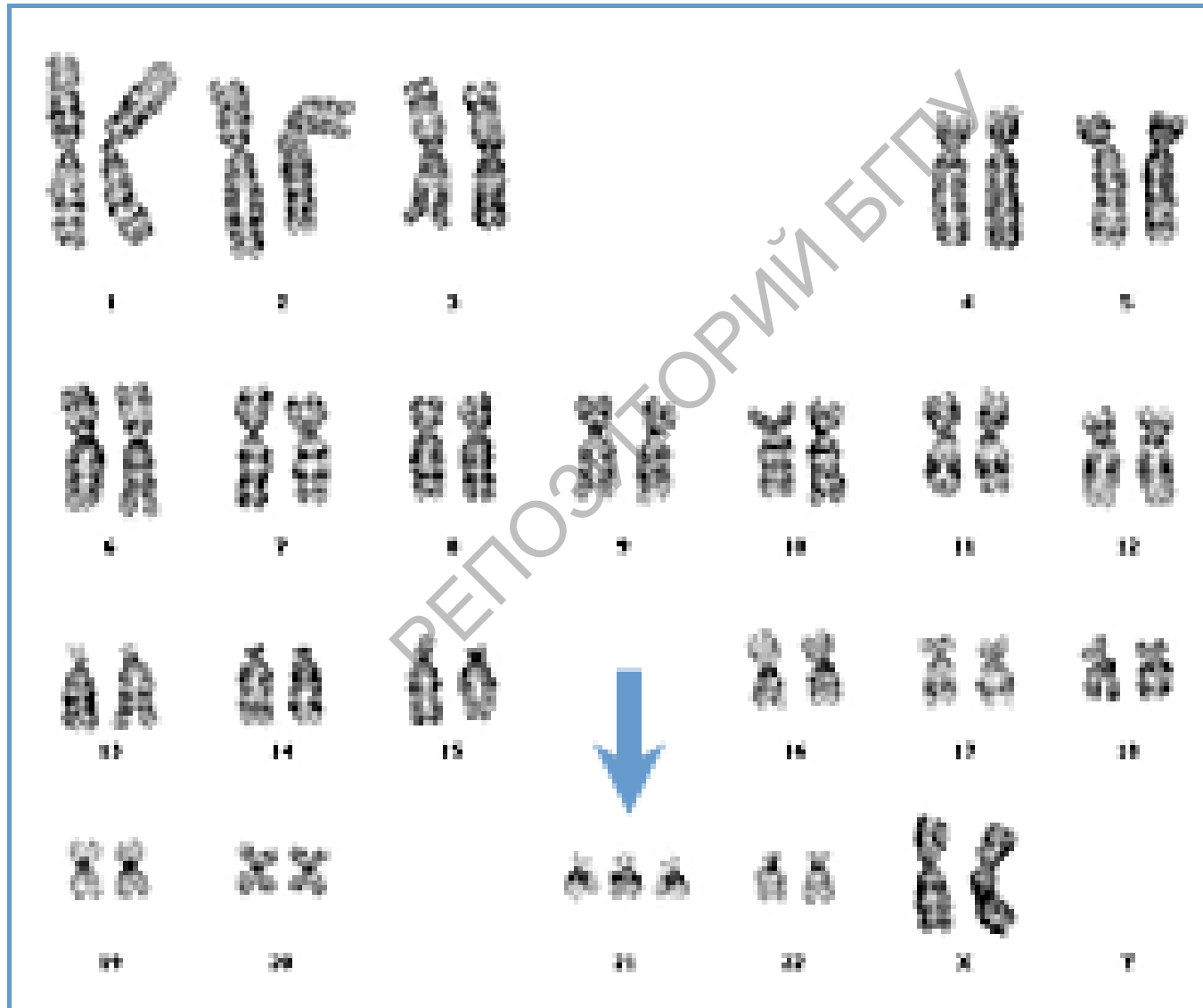
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(Gambar 3: Berbagai kelainan sekunder akibat Down Syndrome)

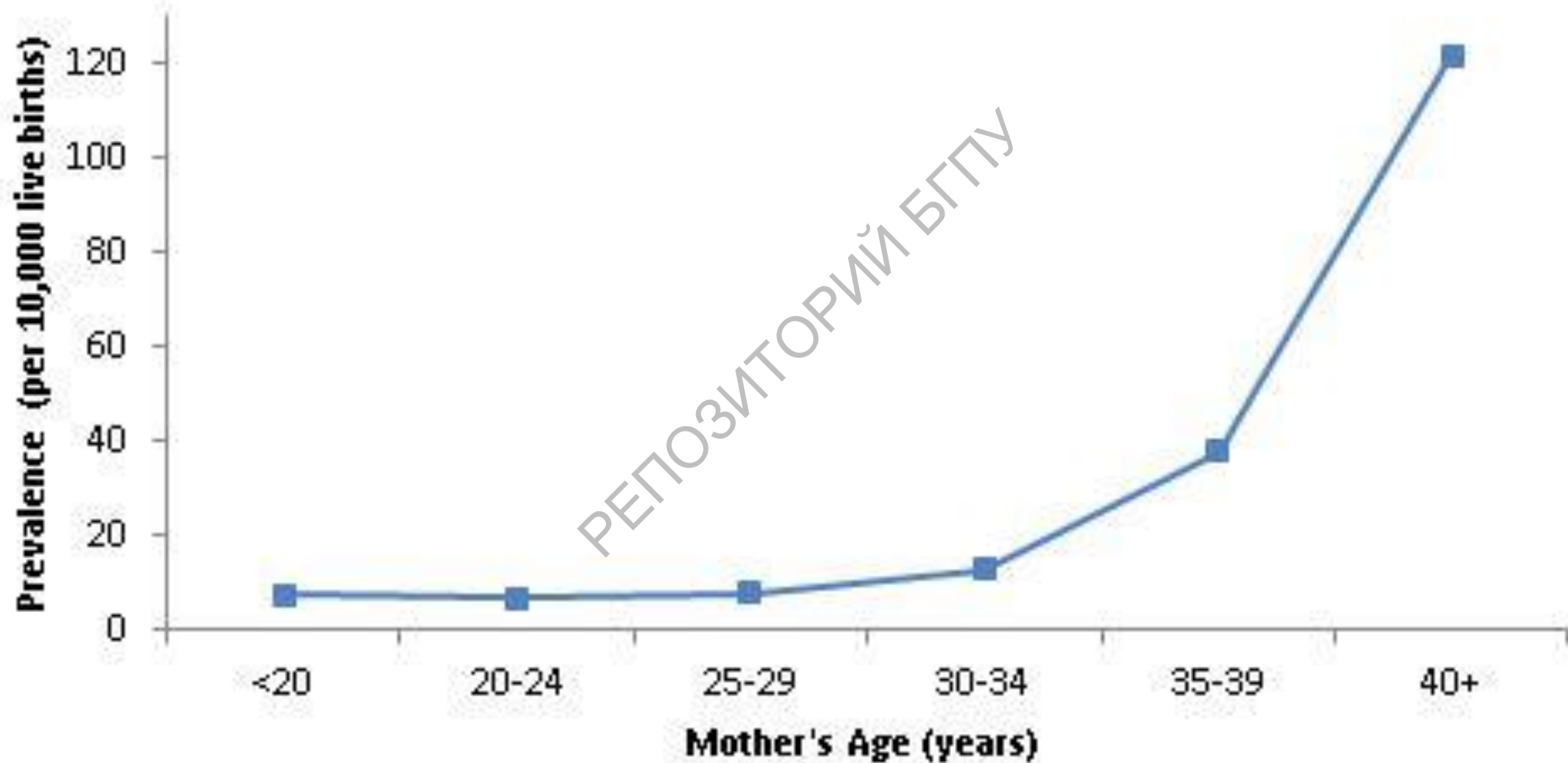
Down Syndrome - Trisomy 21



Trisomy 21 (Down Syndrome)

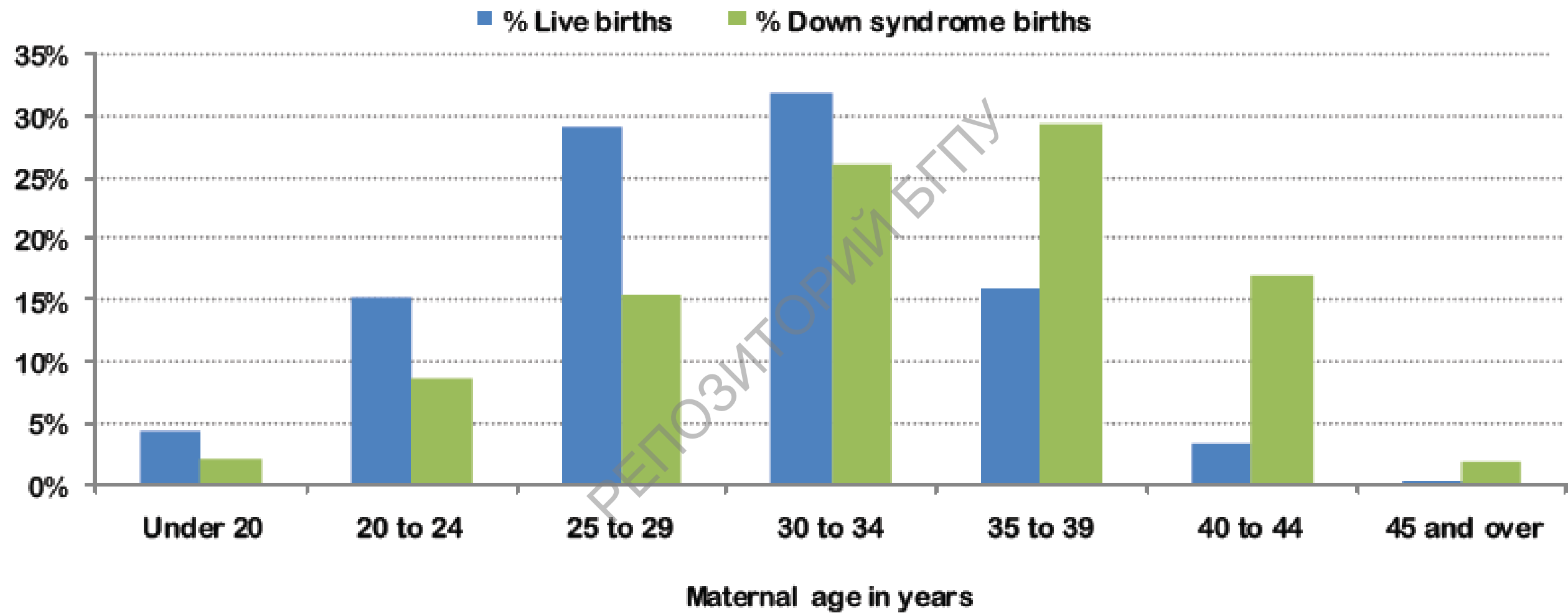


Prevalence of Down Syndrome by Mother's Age



Down Syndrome and Maternal Age

Maternal Age	Incidence of Down syndrome	Maternal Age	Incidence of Down syndrome	Maternal Age	Incidence of Down syndrome
20	1 in 2,000	30	1 in 900	40	1 in 100
21	1 in 1,700	31	1 in 800	41	1 in 80
22	1 in 1,500	32	1 in 720	42	1 in 70
23	1 in 1,400	33	1 in 600	43	1 in 50
24	1 in 1,300	34	1 in 450	44	1 in 40
25	1 in 1,200	35	1 in 350	45	1 in 30
26	1 in 1,100	36	1 in 300	46	1 in 25
27	1 in 1,050	37	1 in 250	47	1 in 20
28	1 in 1,000	38	1 in 200	48	1 in 15
29	1 in 950	39	1 in 150	49	1 in 10



Currently, there is no cure for Down Syndrome.

Treatments are aimed at fixing medical conditions that occur because of the syndrome.

Down Syndrome medical conditions may include:

- Congenital heart defects
- Gastrointestinal abnormalities
- Lymphatic leukemia
- Eye and ear problems
- Underactive thyroid
- Hip and joint problems



Down Syndrome



Down Syndrome



Down Syndrome



Down Syndrome



Down Syndrome

