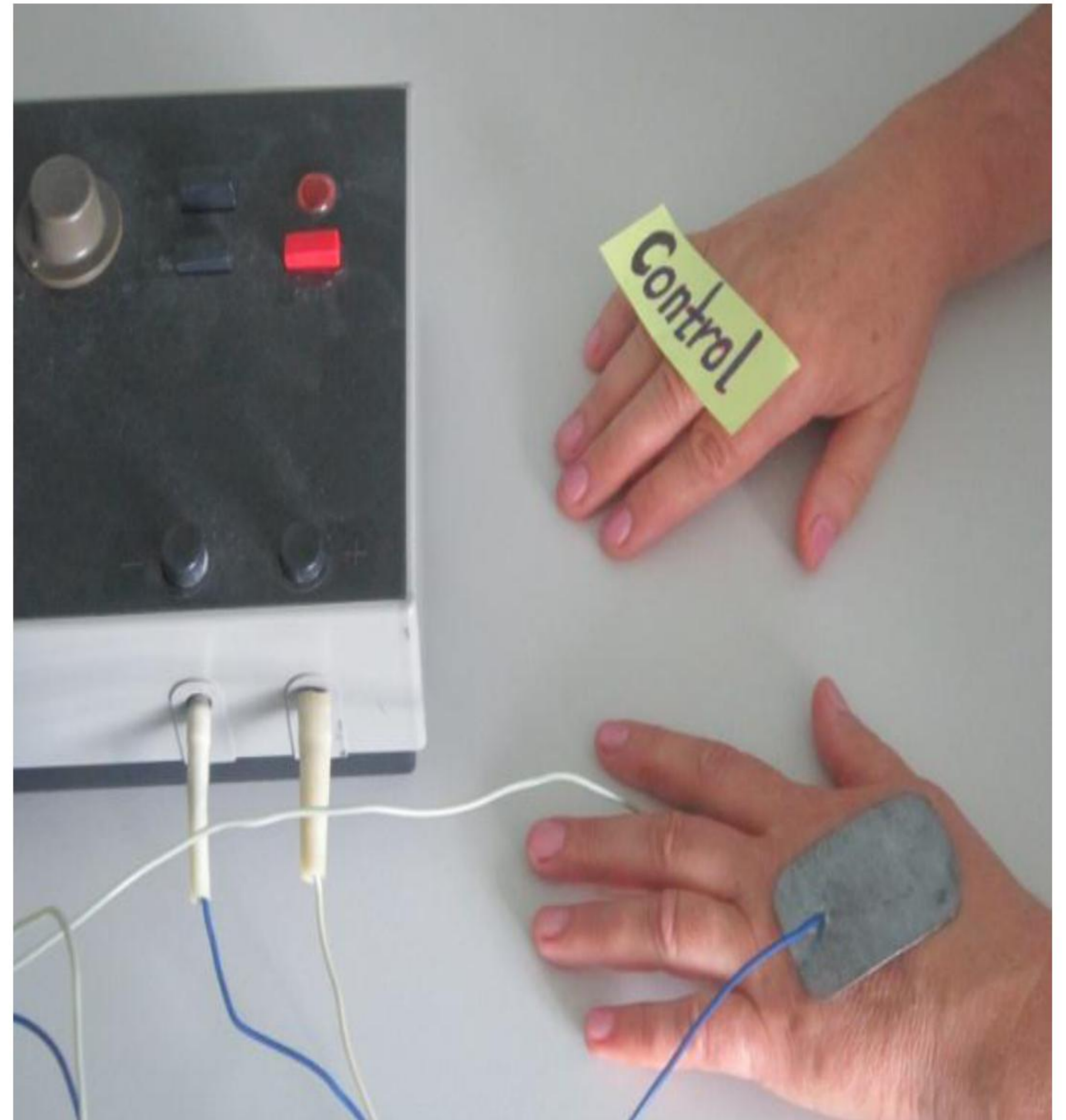


The method of concentration of blood clotting factor VIII using cross-galvanization in patients with hemophilia A

- **The method of *cross-galvanization*:** the property of galvanic current to concentrate drugs in the areas exposed to electrodes was examined for purified concentrate of blood clotting factor VIII (“Koate-DVI” Talecris Biotherapeutics, inc) in hemophilia A patients.
- **Methods:**
 - ✓ Intravenous infusion of “Koate-DVI” in a dose of 20 ED/ kg of body weight.
 - ✓ The procedure of cross-galvanization of the right hand was performed just after the infusion. The current intensity was 10 mA, the duration – 20 min.
 - ✓ 15 min later, the samples were taken at the same time from right and left (control) hands.
- **Results.** Activity of factor VIII after the procedure of galvanization was $52.6 \pm 5.3\%$, in the control group the percent was $22.08 \pm 6.6\%$ (see the table).



Indicator	Control tests N=17	Tests after galvanization n =17	P
Activity of factor VIII(%)	52.6 ± 5.3	22.08 ± 6.6	0.019

