

1. Reliability of the Clot Model:

- 44 Clots: reliable clot- and liquid serum-part weight

2. Spontaneous Thrombolysis, Carrier Effect and rtPA Lysis:

- Group 1: drain only
- Group 2: 5 ml 0.9% NaCl
- Group 3: 5 ml with 3mg rtPA

Optimal treatment: rtPA

3. Dose-response relationship:

- rtPA (0.5; 0.9; 1.2; 2; 3 mg) tested by clots of 25 ml
- rtPA (0.5; 0.9; 1.2; 2; 3 mg) tested by clots of 50 ml

Optimal dose: 1 mg independent from clot size

4. Optimal Treatment Time:

Clots treated 5, 15, 30 and 60 min with optimal dose of 1 mg rtPA

Optimal treatment time: 15 min

Effectiveness of rtPA in different aged Clots:

1.5 h, 24h and 48h old clots treated with 1 mg rtPA with an optimal treatment time of 15 min repetetively for four times.

rtPA is less effective in old clots