

HIRUDOTHERAPY PROTOCOL: HEMORRHOIDAL AND PORTAL DECONGESTION (Patient wAcute Pain and Hypertension)

1. STRATEGIC DISTRIBUTION (6 UNITS)

- **Perianal Area (4 Leeches)**: Direct application on external hemorrhoidal bundles for immediate decompression, analgesia, and dissolution of micro-thrombi.
- **Liver/Navel Area (2 Leeches)**: Decongestion of the portal system. This reduces venous pressure at the source, facilitating blood return and stabilizing systemic blood pressure.

2. SCIENTIFIC FOUNDATION

- **Enzymatic Action**: Hirudin and Calin eliminate blood stagnation and improve microcirculation.
- **Anti-inflammatory Effect**: Eglins and other enzymes drastically reduce edema and extreme pain almost immediately.
- **Controlled Hypotension**: The treatment regulates peripheral resistance, benefiting the hypertensive patient by naturally lowering blood pressure.

3. PROCEDURE AND SAFETY

- **Monitoring**: Pre-session blood pressure check is mandatory. Patient in Sims or prone position to prevent vasovagal syncope.
- **Application**: Start with the liver/umbilical area to prep the system, then proceed to the anal area.
- **Detachment**: Must be natural and spontaneous (approx. 45–60 min).

4. POST-SESSION CARE

- **Therapeutic Drainage**: Expected oozing for 6 to 12 hours (essential for tissue cleansing).
- **Hydration**: Mandatory intake of 2 liters of water to restore fluids.
- **Rest**: 24 hours of absolute rest. No heavy lifting or straining to prevent reactivation of local pressure.

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