



DIPYRONE FOR THE TREATMENT OF DIALYSIS HEADACHE: A PILOT STUDY

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OBJECTIVE

- ✓ To evaluate the efficacy of dipyron in the acute treatment of Dialysis Headache (DH).

METHODS

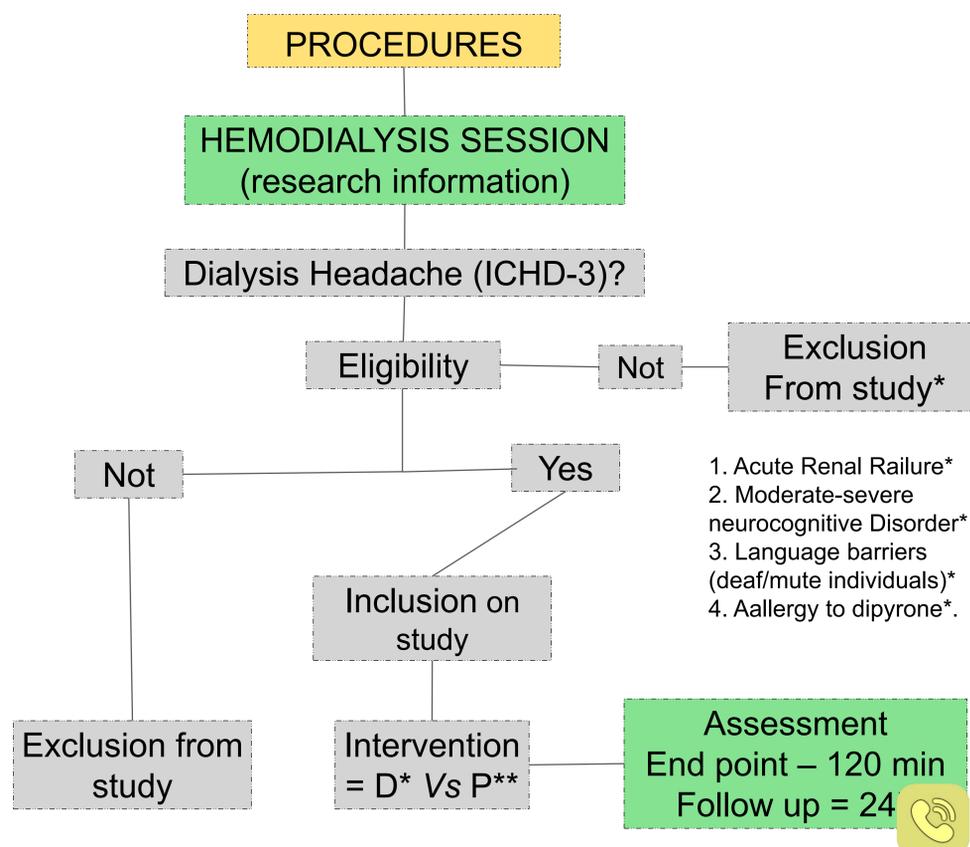
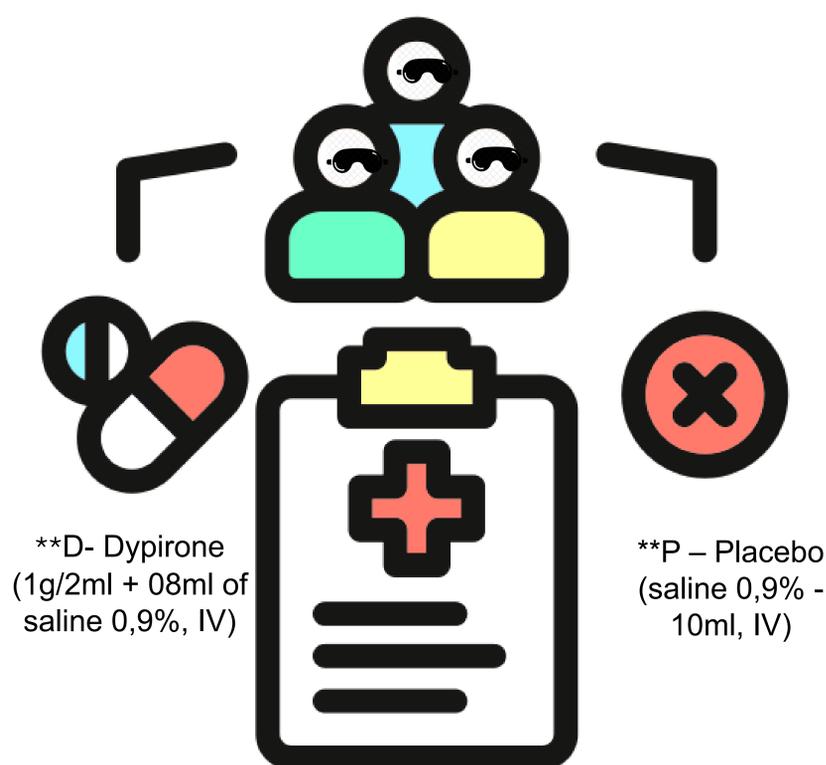
- ✓ **Randomized, double-blind, placebo-controlled clinical trial.**
- ✓ > 18 years old + chronic kidney + DH
- ✓ Group D (dipyron): 1 g of dipyron, IV
- ✓ Group P (Placebo) 10 ml of saline solution (0.9%).

- ✓ **Primary endpoint: % of pain-free patients after 2 hours of intervention.**

- ✓ The study was approved by the Research Ethics Committee at the HC-UFPE

- ✓ Written informed consent form

- ✓ Brazilian Registry of Clinical Trials (ReBEC) - UNT: U1111-1290-2401



RESULTS

- ✓ 40 patients were included (20 in each group).
- ✓ Baseline → No difference between the groups.
- ✓ No difference regarding the need for rescue analgesic therapy during dialysis in the two groups.
- ✓ No adverse events were reported.

After the intervention

Absence of pain

- 30 min (D: 5 (25%) vs P: 4 (20%); p=0.565);
- 60 min (D: 9 (45%) vs P: 11 (55%); p=0.941)
- **120 Min (D: 14 (70%); P: 16 (80%); p=0.610).**

CONCLUSION

- ✓ **Dipyron was not superior to placebo in the acute treatment of DH.**
- ✓ **No adverse events were observed in either group.**

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