

Plasmapheresis

Plasmapheresis is a process in which the liquid part of the blood, or plasma, is separated from the blood cells. Typically, the plasma is replaced with another solution such as saline or albumin, or the plasma is treated and then returned to your body.

Plasmapheresis for polycythemia vera

1: Abrams RMC, Elder GA. Safety of Therapeutic Plasma Exchange for the Treatment of Guillain-Barré Syndrome in Polycythemia Vera. *Neurologist*. 2018 Nov;23(6):185-187. doi: 10.1097/NRL.000000000000197. PMID: 30379740.

2: Borberg H. Quo vadis haemapheresis. Current developments in haemapheresis. *Transfus Apher Sci*. 2006 Feb;34(1):51-73. doi: 10.1016/j.transci.2005.11.001. Epub 2006 Jan 10. PMID: 16412691.

3: Zarkovic M, Kwaan HC. Correction of hyperviscosity by apheresis. *Semin Thromb Hemost*. 2003 Oct;29(5):535-42. doi: 10.1055/s-2003-44560. PMID: 14631553.

4: Valbonesi M, Bruni R. Clinical application of therapeutic erythrocytapheresis (TEA). *Transfus Sci*. 2000 Jun;22(3):183-94. doi: 10.1016/s0955-3886(00)00042-4. PMID: 10831921.

5: Grima KM. Therapeutic apheresis in hematological and oncological diseases. *J Clin Apher*. 2000;15(1-2):28-52. doi: 10.1002/(sici)1098-1101(2000)15:1/2<28::aid-jca4>3.0.co;2-n. PMID: 10767050.

6: Gertz MA, Kyle RA. Hyperviscosity syndrome. *J Intensive Care Med*. 1995 May- Jun;10(3):128-41. doi: 10.1177/088506669501000304. PMID: 10155178.

7: Geissler RG, Köbberling J. Kälteagglutininkrankheit-Erstbeschreibung bei Erythroblastose und Polycythaemia vera [Cold agglutinin disease-initial description in erythroblastosis and polycythemia vera]. *Klin Wochenschr*. 1988 Mar 15;66(6):261-3. German. doi: 10.1007/BF01748168. PMID: 3367618.

8: Melikian AL, Karpov AP, Kovaleva LG, Sukiasian GV, Kalinin NN. Issledovanie nekotorykh pokazatelei gemodinamiki u bol'nykh istinnoi politsitemiei pri lechenii éritrotsitaferезom [Hemodynamic indices in patients with polycythemia vera during treatment by erythrocyte pheresis]. *Gematol Transfuziol*. 1986 Mar;31(3):20-3. Russian. PMID: 3721167.

9: van den Berg E, Haedicke C, Sgries B, Stangel W, Altmann S, Hartmann F. Klinik und Therapie des Hyperviskositätssyndroms. Klinische, viskosimetrische und plethysmographische Untersuchungen über Wirksamkeit und Wirkungsdauer der Erythrozytopherese und Plasmapherese bei Polycythaemia vera und monoklonalen Gammopathien [Clinical aspects and therapy of hyperviscosity syndrome. Clinical, viscosimetric and plethysmographic studies on the efficacy and duration of the effects of erythrocytapheresis and plasmapheresis in polycythemia vera and monoclonal gammopathies]. *Vasa Suppl*. 1983;10:1-37. German. PMID: 6340361.

10: Hamblin TJ. Plasma exchange to control sweats and pruritus in malignant disease. *Br Med J (Clin Res Ed)*. 1981 Jan 24;282(6260):319. doi: 10.1136/bmj.282.6260.319-c. PMID: 6780011; PMCID: PMC1504039.

- 11: Yoshinaga K, Onodera K. [Hyperviscosity syndrome (author's transl)]. Kokyu To Junkan. 1978 Nov;26(11):1059-63. Japanese. PMID: 103156.
- 12: Rossman M, Slavin R, Taft EG. Pheresis therapy: patient care. Am J Nurs. 1977 Jul;77(7):1135-41. PMID: 406786.
- 13: Greenberg BR, Watson-Williams EJ. Successful control of life-threatening thrombocytosis with a blood processor. Transfusion. 1975 Nov-Dec;15(6):620-2. doi: 10.1046/j.1537-2995.1975.15676082242.x. PMID: 1198693.
- 14: Veselý V. Erythroferéza-príspevek k léčení polycytémie [Erythropheresis- contribution to the treatment of polycythemia]. Vnitr Lek. 1973 Feb;19(2):183-9. Czech. PMID: 4687817.
- 15: Gutnik RB. Lechenie éritremii plazmaferezom [Plasmapheresis in the treatment of erythremia]. Ter Arkh. 1968 Jun;40(6):116-8. Russian. PMID: 5739205.

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