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| *Table 1*: High blood viscosity causes |
| Changes in the plasmatic composition- increased circulating serum immunoglobulins (Waldenstrom Macroglobulinemia, multiple myeloma); cryoglobulinemia; - Hyperfibrinogenaemia;- Hyperlipoproteinaemia; - Hyperglycaemia | **Increased cellular component**- Hyperproliferative states (leukemias, polycythemia, and other myeloproliferative disorders) | **Others**- increased hematocrit (dehydration, COPD, congenital heart defects);- red cell deformities (sickle cell anaemia);- hypothermia |