

Closed-Loop Audit of the Degree of the Management of Thrombocytosis in Accordance with Nice Guidance at Roseneath General Practice

Authors : Georgia Mills, Rachel Parsonage

Abstract : Thrombocytosis is a platelet count above the upper limit of the normal range. An urgent referral is advised for counts over 1000×10^9 and if the count is between $600-1000 \times 10^9$ with certain conditions/age. A non-urgent referral is warranted when the level is above $450 \times 10^9/L$ (for more than 3 months) or over $600 \times 10^9/L$ on at least two occasions (4-6 weeks apart) or within the range $450-600 \times 10^9/L$ with other haematological abnormalities. The aim of this audit is to assess how well Roseneath's general practice has adhered to the National Institute for Health and Care Excellence (NICE) guidelines for investigations and management of high platelet counts. Through the filtering tool on Vision, all blood results in the surgery were filtered to only show those with a platelet count above $450 \times 10^9/L$. These patients were then analyzed individually to see where they fall on the current NICE guidance pathway for management. The investigations and management of thrombocytosis were generally poor. 60% of those who needed an urgent referral did not have it done. 30% of those who needed a follow-up blood test did not have it done. 60% of those needing a routine referral from complete investigations did not have it done. To improve the knowledge of NICE guidelines within the practice, a teaching session was delivered. Percentages then reached 100% in the 2nd audit. There is a lack of awareness of guidelines and education on thrombocytosis in primary care. Teaching sessions will benefit outcomes greatly

Keywords : platelets, thrombocytosis, management, referral

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