In most cases myeloproliferative neoplasms presented as non specific symptom such as itching. Patients may be embarrassed to mention it or they think it's due to trivial reason, this can lead to delayed diagnosis and treatment of serious underlying pathology as MDS.

Case Report

78year old male admitted to hospital with history of fatigue, shortness of breath and feeling unwell. Further history showed he had itching all over and had attributed to his dry skin. Past medical history: Heart failure ,Peripheral vascular disease, Psoriasis, Atrial fibrillation. Drug history: Simvastatin, Apixaban Lercanidipine, Frusemide, he was on Methotrexate for Psoriasis and was stopped by his dermatologist 2years earlier as he's in remission.

Investigation:

chest X-ray: Congestive features.

Blood test:

Haemoglobin	151	g/L	130 – 180
White Cell Count	9.30	$x10^9$/L	4.00 - 11.00
Platelet Count	1000	$x10^9$/L	140 - 400 { has high PLT in the previous blood tests

Management: First treated as decompensated heart failure, and prescribed skin emollients for itching. Prior to discharge, rereferred to dermatology team to seek opinion about skin condition, advised restarting Methotrexate as presumed it's flare up of Psoriasis. However, following blood test results and given the important causes of secondary thrombocytosis were excluded the patient referred to the haematology team for advice. After blood was reviewed by haematologist, suggested screening test for myeloproliferative disorder is advisable.

Blood film was reviewed and genetic test made: JAK-2 mutation detected. Hydroxycarbamide treatment started. Follow up after 8 weeks: the patient feeling better itching resolved. Repeated blood showed platelet count dropped to within normal count, he was put on small maintaining dose of Hydroxycarbamide.

Conclusion: non-specific symptoms can be due to serious disease. Careful history and right interpreting of investigations would lead to the right diagnosis, and management, which prevent the risk of complications like thrombosis in this case.