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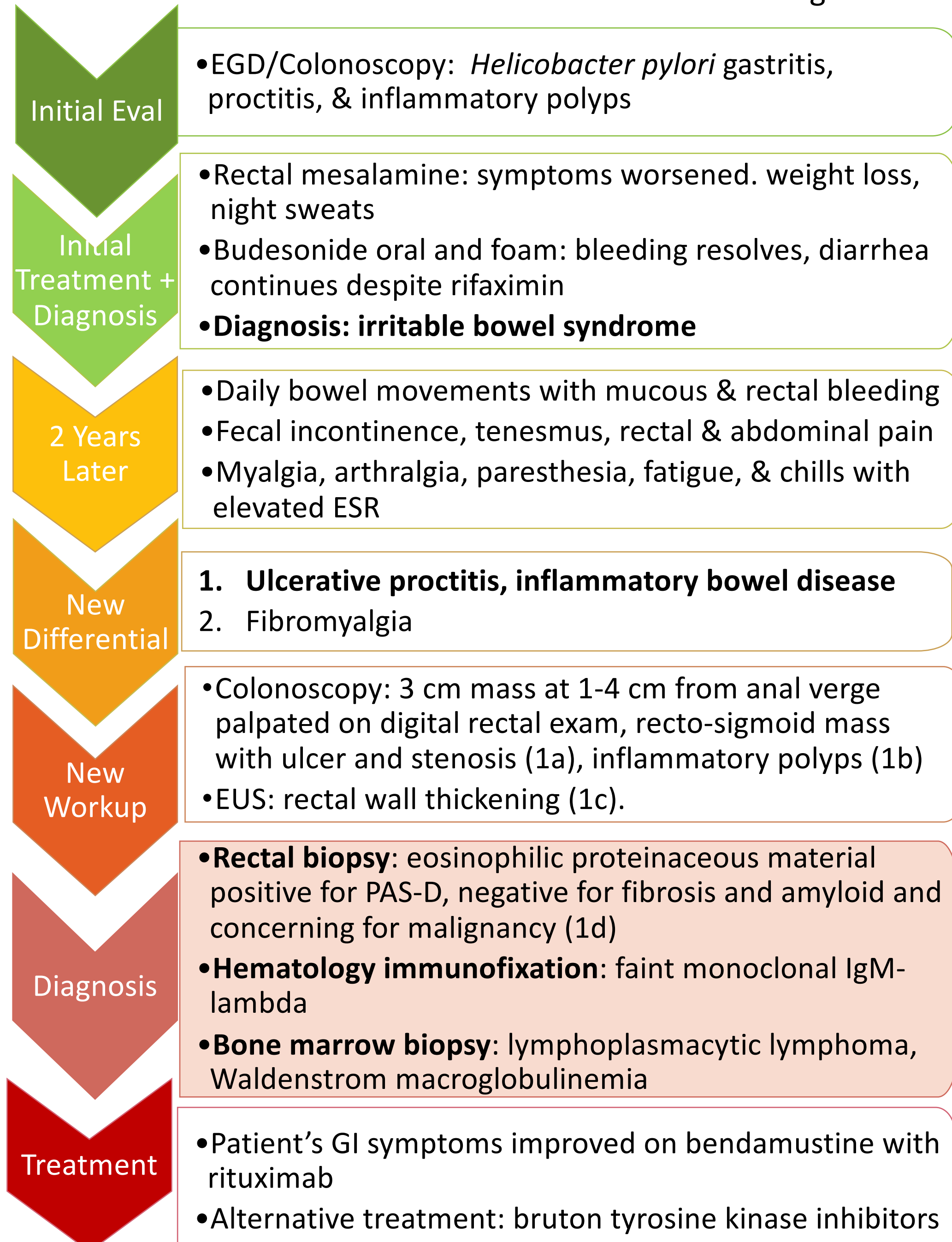
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INTRODUCTION

- Waldenstrom macroglobulinemia (WM) is a lymphoplasmacytic lymphoma in the bone marrow with IgM gammopathy in the blood.
- Annually ~1400 cases diagnosed in the US, with typical presentation of B symptoms, fatigue, neuropathy, and mucosal bleeding.¹
- We describe a case of WM presenting as bloody diarrhea, mimicking inflammatory bowel disease (IBD).

CASE DESCRIPTION

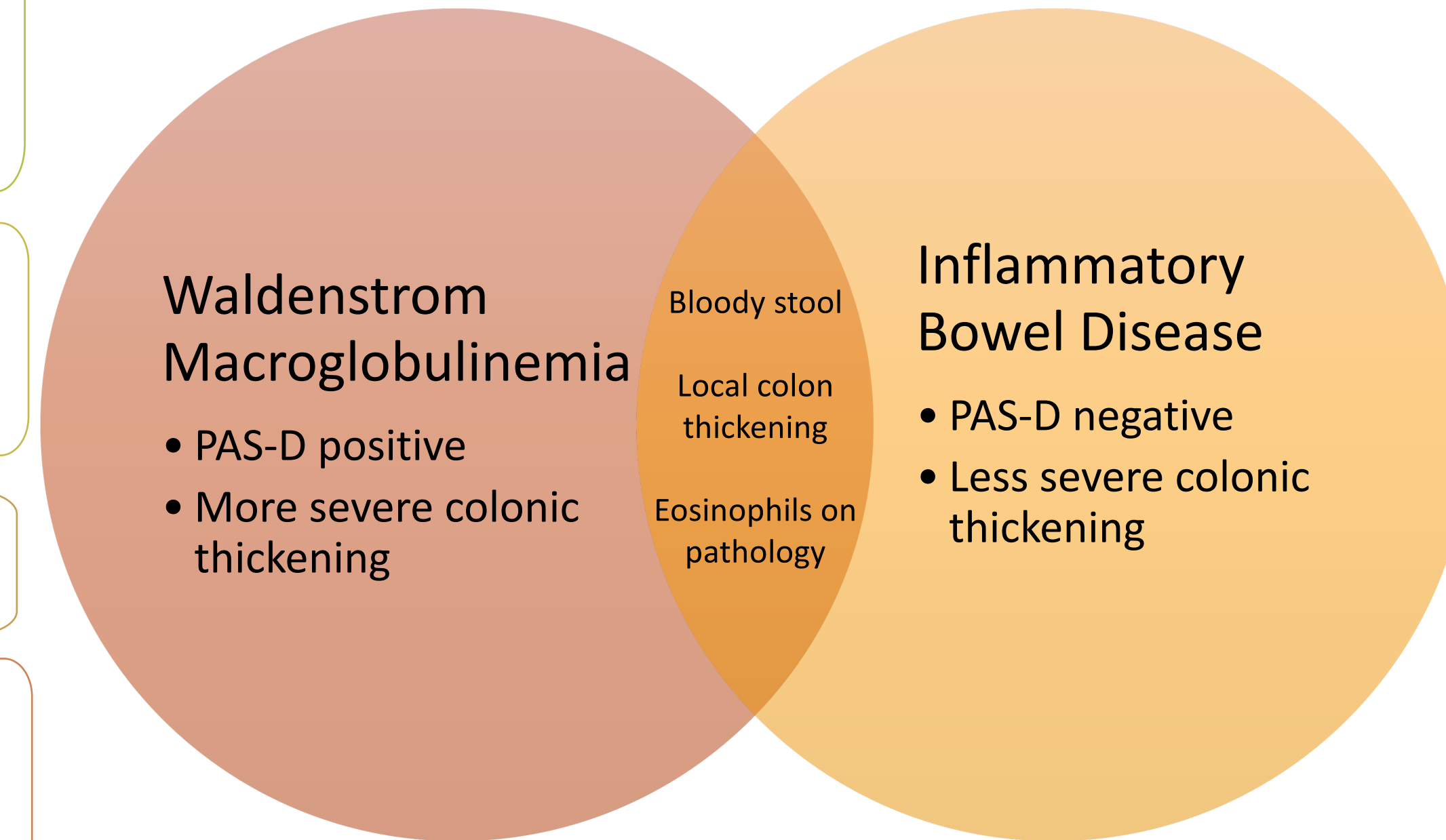
56 year old man with depression, anxiety, and fibromyalgia presented with 6 months of diarrhea with mucous and rectal bleeding



TAKE HOME POINTS

- Waldenstrom macroglobulinemia rarely involves the GI tract
- Presents in small bowel > colon/rectum (3% of cases)
 - IgM deposition can cause severe malabsorption, steatorrhea, obstructive symptoms, or GI bleeding.²

WM and IBD can have similar clinical presentations



Raised lesions should prompt investigation for malignant processes, despite surrounding inflammatory changes.

REFERENCES

- Kyrtonis MC, Vassilakopoulos TP, Angelopoulou MK, et al. Waldenstrom's macroglobulinemia: Clinical course and prognostic factors in 60 patients. Experience from a single hematology unit. *Ann Hematol.* 2001;80(12):722-7.
- Pratz KW, Dingli D, Smyrk TC, Lust JA. Intestinal lymphangiectasia with protein-losing enteropathy in Waldenstrom macroglobulinemia. *Medicine (Baltimore).* 2007;86(4):210-214.

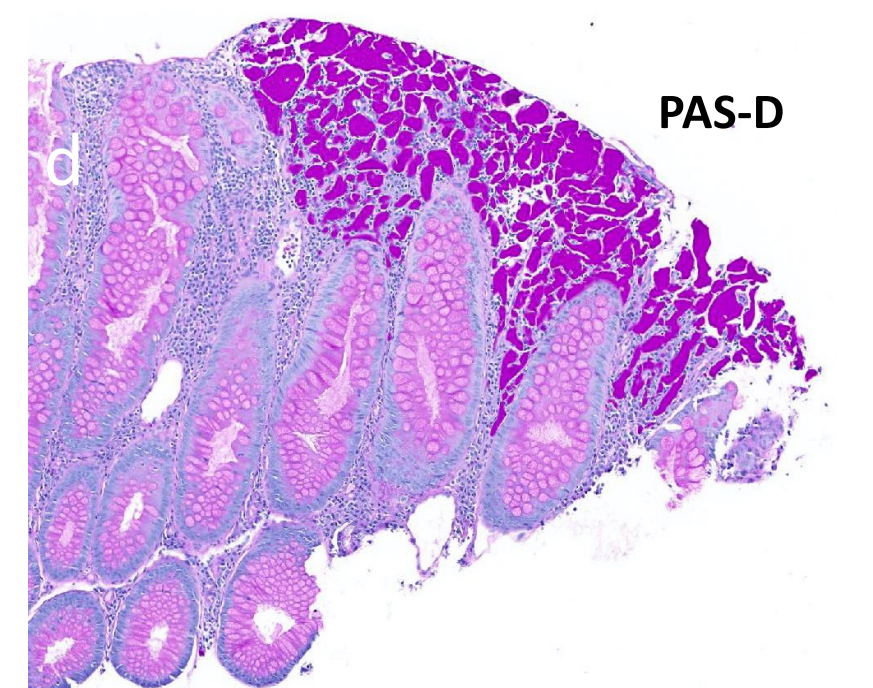


Image 1. Colonoscopy and EUS of rectosigmoid colon, with PAS-D+ pathology staining.

a) Colonoscopy with moderate stenosis, edema and exudate.

b) 10 to 16 mm sessile polyps in recto-sigmoid colon.

c) Lower EUS with circumferential wall thickening of the rectum. No infiltrative subepithelial mass.

d) Intestinal pathology with PAS-D positive staining.