



MGUS = Monoclonal Gammopathy of Undetermined Significance

FLC = Free Light Chain

CRAB features present:**

C Ca²⁺ >2.8 mmol/L

R renal: creatinine >177 umol/L or GFR <40 mL per minute

A anemia: hemoglobin <100 g/L or 20 g/L below normal

B bone: lytic lesions

FLC ratio >100 or <0.01

** Attributable to plasma cell disorder

ANNUAL RISK OF PROGRESSION FOR MGUS SUBTYPES

MGUS Subtype	Risk	Associated disorders
IgM MGUS	1% per year	Waldenstroms macroglobulinemia
Non-IgM MGUS	0.5% per year	Multiple myeloma, plasmacytoma, amyloidosis
Light chain MGUS	0.3% per year	Light chain myeloma, amyloidosis
Low risk MGUS (IgG, <15 g/L, normal FLC)	2% lifetime risk	

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Pathways are subject to clinical judgement and actual practice patterns may not always follow the proposed steps in this pathway.