

GALE'S GRADING SYSTEM FOR IRON IN BONE MARROW.

Grade	Status of iron in bone marrow after Perl's stain	Inference
Grade 0	No visible iron under high power magnification (x1000)	None (iron deficient)
Grade 1	Small iron particles just visible in few reticulum cells under high power magnification (x1000)	Presence of very slight iron (iron deficient)
Grade 2	Small, sparsely distributed iron particles just visible under low power magnification (x100)	Slight (normal iron)
Grade 3	Numerous small iron particles present in reticulum cells throughout the marrow fragment (x100)	Moderate (normal iron)
Grade 4	Larger iron particles throughout the fragment with tendency to aggregate into clumps (x100)	Moderate (heavy) (Iron overload)
Grade 5	large clumps of iron throughout the fragment (x100)	Heavy (Dense) (Iron overload)
Grade 6	Very large deposits of iron, both intra- and extracellular, obscuring cellular detail in the fragment (x100)	Very heavy (Iron overload)