

# Prevalence and pathogenesis of anemia in inflammatory bowel disease. Influence of anti-tumor necrosis factor- $\alpha$ treatment

Gaetano Bergamaschi,<sup>1</sup> Antonio Di Sabatino,<sup>1</sup> Riccardo Albertini,<sup>2</sup> Sandro Ardizzone,<sup>3</sup> Paolo Biancheri,<sup>1</sup> Elisa Bonetti,<sup>4</sup> Andrea Cassinotti,<sup>3</sup> Paolo Cazzola,<sup>1</sup> Konstantinos Markopoulos,<sup>1</sup> Alessandro Massari,<sup>3</sup> Vittorio Rosti,<sup>5</sup> Gabriele Bianchi Porro,<sup>3</sup> and Gino R. Corazza<sup>1</sup>

<sup>1</sup>Department of Internal Medicine, University of Pavia Medical School and Fondazione IRCCS Policlinico San Matteo, Pavia; <sup>2</sup>Clinical Chemistry Laboratory, Fondazione IRCCS Policlinico San Matteo, Pavia; <sup>3</sup>Division of Gastroenterology, "L. Sacco" University Hospital, Milan; <sup>4</sup>Laboratory of Clinical Epidemiology, Fondazione IRCCS Policlinico San Matteo, Pavia, and <sup>5</sup>Laboratory of Organ Transplantation, University of Pavia and Fondazione IRCCS Policlinico San Matteo, Pavia, Italy

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**Online Supplementary Table S1.** Data on iron status, disease activity and inflammation in patients with inflammatory bowel disease and different kinds of anemia.

Etiology of anemia (N. of patients)	IDA (n=38)	ACD (n=30)	Cobalamin/folate deficiency (n=8)	IDA+ACD (n=15)	Cobalamin/folate deficiency + IDA or ACD (n=6)	Undetermined (n=7)
*Age, years	34.7±13.1	47.6±16.8	43.0±9.1	35.8±7.9	38.0±18.2	45.5±4.0
Males/Females	15/23	18/12	5/3	9/6	3/3	3/4
Hemoglobin, g/dL	10.8±1.8	11.0±1.1	11.3±1.1	10.9±1.2	10.9±1.1	11.7±0.8
Serum iron, $\mu$ g/dL	68±61	49±32	93±23	40±17	71±39	84±23
Transferin saturation, %	11±2	11±5	37±12	12±6	18±8	32±14
Serum ferritin, $\mu$ g/L	12±10	399±725	109±83	48±13	93±135	51±56
CDAI score	193±70	231±117	241±30	202±70	154±114	190±35
CAI score	8±3	9±2	5±4	8±4	6±4	7
*ESR, mm/hour	23±15	60±23	66±39	37±17	41±25	31±21
CRP, mg/dL	1.57±2.83	6.04±5.09	5.41±9.00	2.64±2.21	2.34±2.09	1.81±2.17

\*IDA: iron deficiency anemia; ACD: anemia of chronic disease; ESR: erythrocyte sedimentation rate; CRP: C-reactive protein; CDAI: Crohn's disease Activity Index; CAI: Clinical Activity Index.

\*Patients with IDA were significantly younger than those with ACD ( $P=0.0012$ ) and had lower ESR and CRP values ( $P<0.001$ ). ESR and CRP were higher in the IDA+ACD group than in the group with isolated IDA ( $P<0.05$  and  $P=0.0082$ , respectively).