

Online Supplementary File 1: Demographic, disease, medication, anthropometry, biochemical and hematological data collected for the three cohorts of children with IBD.

| | | Prevalence of Anemia at Diagnosis (Cohort 1) | Predictors of Anemia at Diagnosis and Follow up (Cohort 2) | Impact of Exclusive Enteral Nutrition on hematological parameters and anemia (Cohort 3) |
|--------------|------------------|--|--|---|
| Data | | | | |
| Demographics | | | | |
| | Gender | √ | √ | √ |
| | Age | √ | √ | √ |
| Disease | | | | |
| | Age at diagnosis | √ | √ | √ |
| | Diagnosis delay | | √ | |

| Data | Prevalence of Anemia at Diagnosis (Cohort 1) | Predictors of Anemia at Diagnosis and Follow up (Cohort 2) | Impact of Exclusive Enteral Nutrition on hematological parameters and anemia (Cohort 3) |
|-----------------------------|--|--|---|
| | | | |
| Type of disease | √ | √ | √ |
| Site of involvement | | √ | √ |
| Blood in stool at diagnosis | | √ | |
| Disease duration | | √ | |
| Medication | | | |
| Exclusive Enteral Nutrition | | √ | √ |
| Oral steroids | | √ | |
| Aminosalicylates | | √ | |
| AZA | | √ | |

| Data | Prevalence of Anemia at Diagnosis (Cohort 1) | Predictors of Anemia at Diagnosis and Follow up (Cohort 2) | Impact of Exclusive Enteral Nutrition on hematological parameters and anemia (Cohort 3) |
|---------------|--|--|---|
| | | | |
| | Methotrexate | √ | |
| | Biologics | √ | |
| | Antibiotics | √ | |
| | Oral iron | √ | |
| | Gut resection | √ | |
| Anthropometry | | | |
| | Body weight | √ | √ |
| | Body height | √ | √ |

| | | Prevalence of Anemia at Diagnosis (Cohort 1) | Predictors of Anemia at Diagnosis and Follow up (Cohort 2) | Impact of Exclusive Enteral Nutrition on hematological parameters and anemia (Cohort 3) |
|--------------------|--------------------------------|--|--|---|
| Data | | | | |
| Haematology | Weight loss prior to diagnosis | | √ | √ |
| | Red blood cells count | √ | √ | √ |
| | Hemoglobin concentration | √ | √ | √ |
| | MCV concentration | √ | √ | √ |
| Disease biomarkers | MCH concentration | √ | √ | √ |
| | ESR | | √ | √ |
| | CRP | | √ | √ |
| | Albumin | √ | √ | √ |