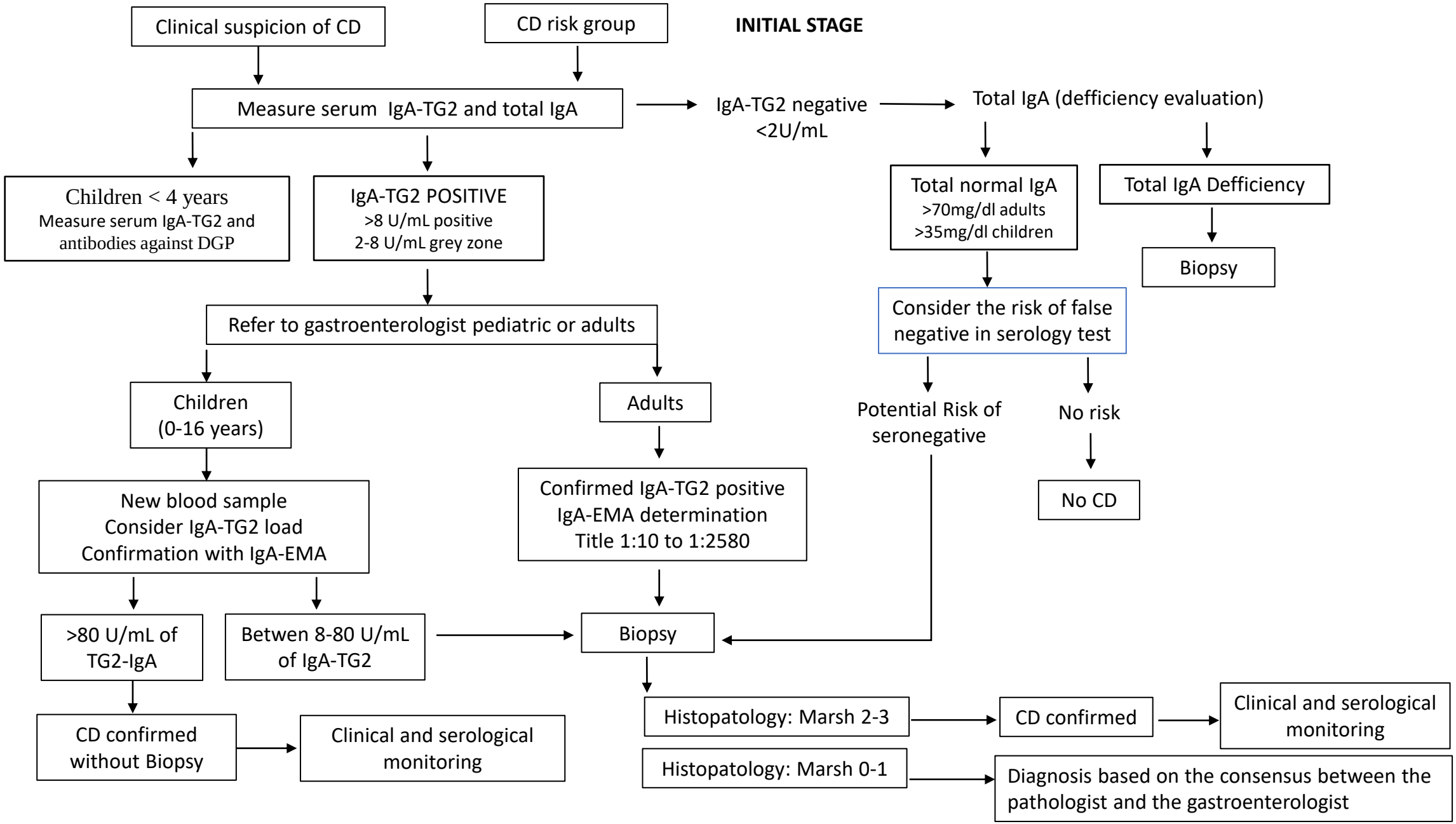
INITIAL STAGE
Clinical suspicion of CD
CD risk group
Measure serum IgA-TG2 and total IgA
IgA-TG2 negative <2U/mL
Total IgA (defficiency evaluation)
Children < 4 years
Measure serum IgA-TG2 and antibodies against DGP
IgA-TG2 POSITIVE
>8 U/mL positive
2-8 U/mL grey zone
Total normal IgA
>70mg/dl adults
>35mg/dl children
Total IgA Defficiency
Biopsy
Refer to gastroenterologist pediatric or adults
Consider the risk of false negative in serology test
Children (0-16 years)
Adults
Potential Risk of seronegative
No risk
No CD
New blood sample
Consider IgA-TG2 load
Confirmation with IgA-EMA
Confirmed IgA-TG2 positive
IgA-EMA determination
Title 1:10 to 1:2580
>80 U/mL of TG2-IgA
Betwen 8-80 U/mL of IgA-TG2
Biopsy
CD confirmed without Biopsy
Clinical and serological monitoring
Histopatology: Marsh 2-3
CD confirmed
Clinical and serological monitoring
Histopatology: Marsh 0-1
Diagnosis based on the consensus between the pathologist and the gastroenterologist