For their first manuscript on brain structure in anorexia nervosa the ENIGMA-ED consortium will use the following definition to classify patients according to their state of illness

1) **Analysis 1:** Case-control comparison maximizing sample size: all underweight „acute“ AN
   a. AN:
      i. As long as female and at the day of scan BMI 17,5 or < 10th age-adjusted BMI percentile (adolescents)
      ii. independent from time between start of realimentation/intensive therapy and scanning
      iii. independent from the fact whether some patients gained weight before scanning
   b. Healthy female controls = HC

2) **Analysis 2:** Three group comparison including:
   a. underweight „acute“ AN = acAN
   b. partially weight-restored AN = presAN
   c. Healthy female controls = HC

b. underweight „acute“ AN = acAN, female and BMI 17,5 or < 10th age-adjusted percentile (adolescents) and:
   i. within 1st week of inpatient treatment independent of weight changes or
   ii. within 2 weeks of inpatient treatment but have gained less than 1kg since admission or
   iii. in outpatient/partial hospitalization program and have gained less than 2kg in the last 4 weeks of outpatient/partial hospitalization program

c. partially weight-restored AN = presAN:
   i. do not meet criteria for acAN as outlined above under 2b,
   ii. are currently in some form of treatment (that includes weight gain as a goal)
   iii. but are also not fully recovered:
      1. i.e. BMI is either < 18,5 or < 10th age-adjusted percentile (adolescents)
      2. or if BMI is >18,5 (must be <19,5) or > 10th (must be <25 percentile) age-adjusted percentile & these patients are still in regular therapy, have no regular menses (unless on birth control) and still show significant ED symptoms.

d. Healthy female controls = HC