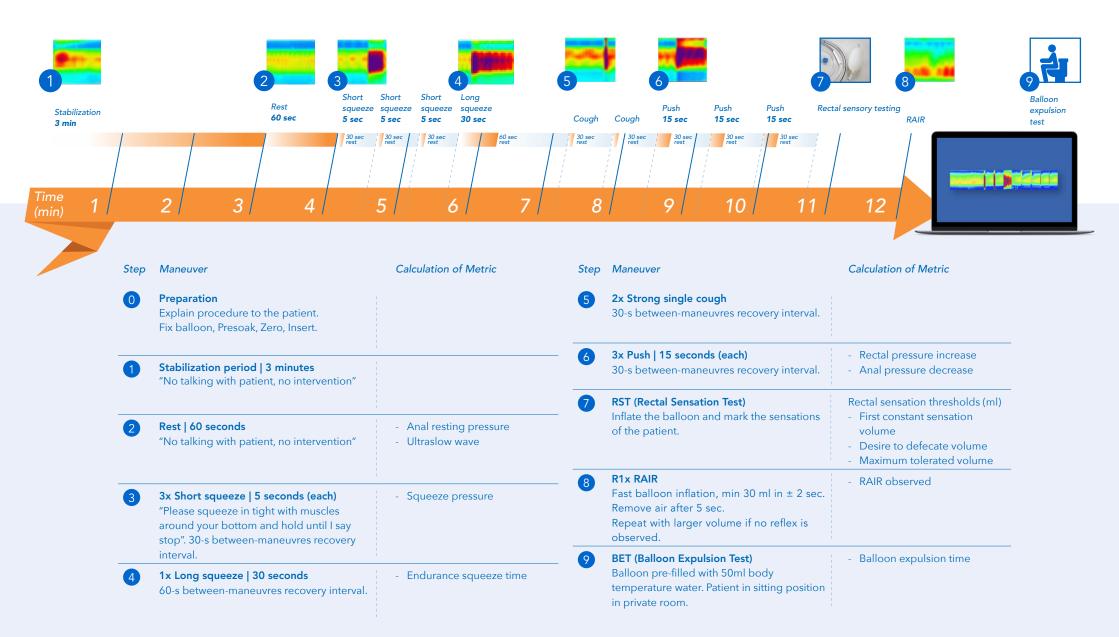
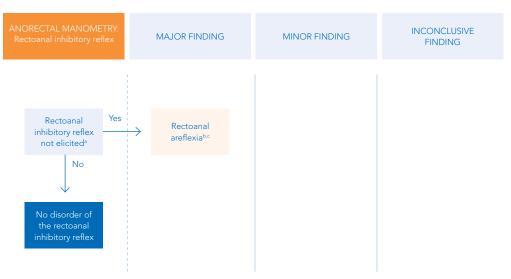
# SUMMARY OF LONDON PROTOCOL AND CLASSIFICATION FOR HRAM<sup>1</sup>





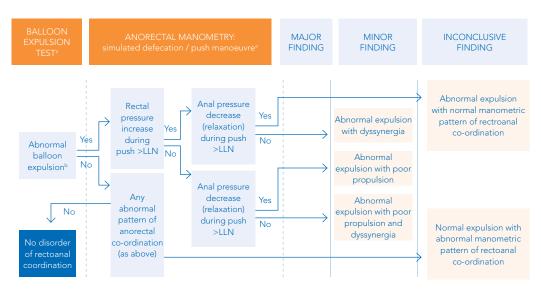
### DISORDER OF THE RECTOANAL INHIBITORY REFLEX



\*Minimum volume required to elicit reflex not established in the literature: failure to elicit a RAIR may be seen with low distending volumes in a large capacity rectum. \*RAIR not elicited is a pattern not seen in health but may be found in asymptomatic patients following rectal resection / ileal pouch anal anastamosis, anal hypotonia, faecal loading or megarectum. \*May indicate the need for further investigation to exclude aganglionosis expecially in paediatric populations and adult patients with coexistent megarectum/megacolon. All results to be interpreted in the context of adjunctive testing.

# LONDON CLASSIFICATION PART III:

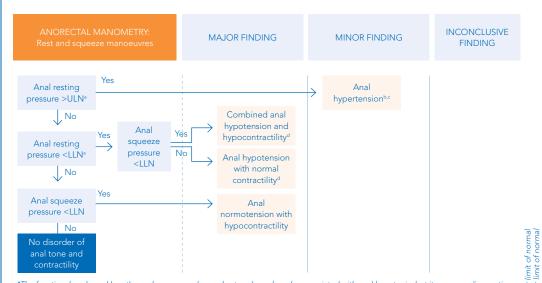
## DISORDERS OF RECTOANAL COORDINATION



\*requires the use of both balloon expulsion test and anorectal manometry. \*or impaired evacuation of contrast medium (prolonged evacuation end time and/or reduced percentage of contrast emptied) on alternative testing e.g. barium or MR defaecography. All results to be interpreted in context of adjunctive testing.

#### LONDON CLASSIFICATION PART II:

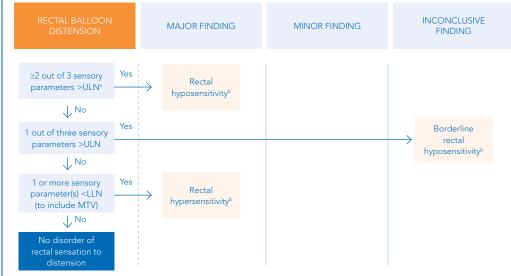
### DISORDERS OF ANAL TONE AND CONTRACTILITY



<sup>a</sup>The functional anal canal length may be measured, as a short anal canal can be associated with anal hypotonia, but its use as a diagnostic criterion in isolation is unproven. <sup>b</sup>may be associated with slow and/or ultraslow waves, however the clinical significance of these has not been established. <sup>c</sup>this finding may have greater clinical significance in certain patient groups (e.g. chronic anal fissure, levator ani syndrome or proctalgia fugax). <sup>a</sup>addition of an abnormal cough response may indicate a more severe phenotype (whereas preservation may suggest a target for biofeedback) but its use as a diagnostic criterion is unproven. All results to be interpreted in context of adjunctive testing.

# **LONDON CLASSIFICATION PART IV:**

# **DISORDERS OF RECTAL SENSATION**



\*sensory parameters are: first constant sensation volume (FCSV), desire to defecate volume (DDV) and maximum tolerated volume (MTV).
\*abnormal results may be further described using additional methods (e.g. barostat to assess compliance). All results to be interpreted in context of adjunctive testing.