



High-Resolution Anorectal Manometry Study

Patient: Barbara Holland
12-445719

Mercy Community Hospital
GI Diagnostics Laboratory
Denver, Colorado
(800) 123-4567

Patient Information

Gender: Female
Age: 48
Height: 5 ft.4 in.

Procedure:

Anorectal Manometry
Physician: Dr. William Jones
Operator: Jean Somers
Referring Physician: Dr. Charles Fite
Examination Date: 11/30/04

Resting Pressure

Maximum (eSleeve): 57.3 mmHg
Mean (eSleeve): 39.8 mmHg
Rectal (mean): 17.2 mmHg

Simulated Defecation

Minimum (eSleeve): 142.1 mmHg
Rectal (mean): 103.3 mmHg

Squeeze Pressure

Maximum (eSleeve): 159.9 mmHg
Mean (eSleeve): 128.3 mmHg
Rectal (mean): 41.2 mmHg

Balloon Fill (RAIR)

40 cc: 17 % relaxation
60 cc: 43 % relaxation
80 cc: 81 % relaxation
100 cc: 86 % relaxation

Valsalva (sacral reflex)

Maximum (eSleeve): 142.1 mmHg
Rectal (mean): 103.3 mmHg

First sensation: 20 cc
Urge to defecate: 60 cc

Procedure

Anorectal manometry protocol using high-resolution catheter with 10 circumferential transducers at 6 mm spacing and 2 additional rectal transducers. A five minute minimum acclimation period was provided followed by two each of Squeeze, Valsalva and Simulated Defecation maneuvers. Balloon fill maneuvers followed starting with 20cc volume and increasing in 20 cc increments to 100 cc.

Indications

Patient reports chronic constipation with increasing frequency over past 6 months.

Interpretation / Findings

Normal tonic sphincter pressures, slightly hypotensive voluntary contraction. Sacral reflex and anorectal inhibitory responses normal. Normal anorectal manometry study.

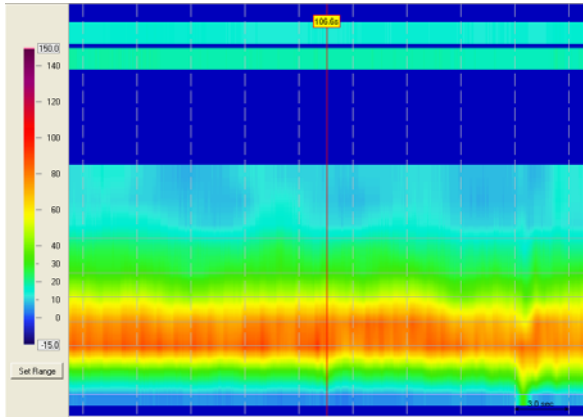
Gerald Wilkes, M.D., Mercy Community Hospital Gastroenterology



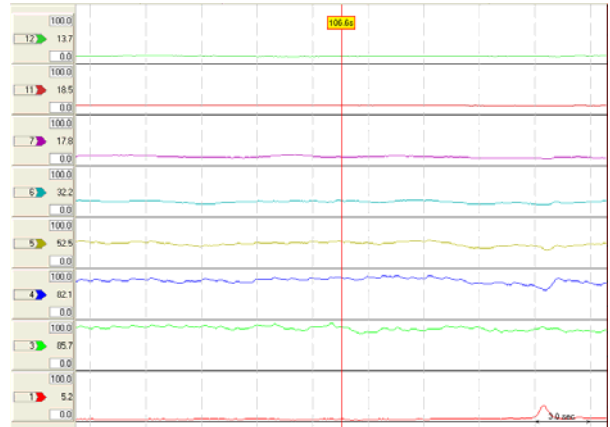


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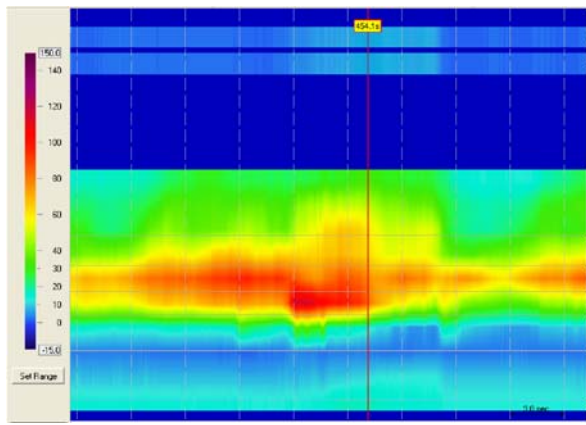
Resting Pressure



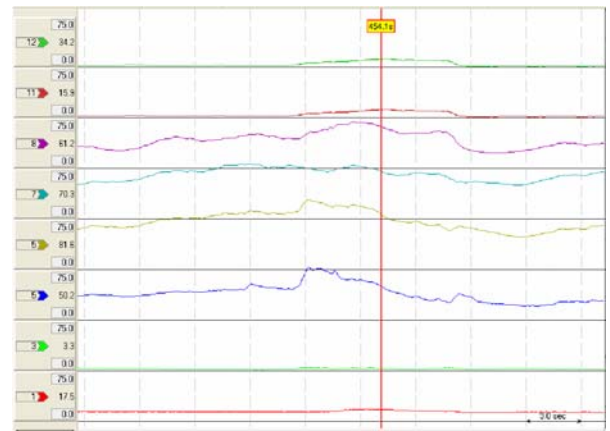
Resting Pressure



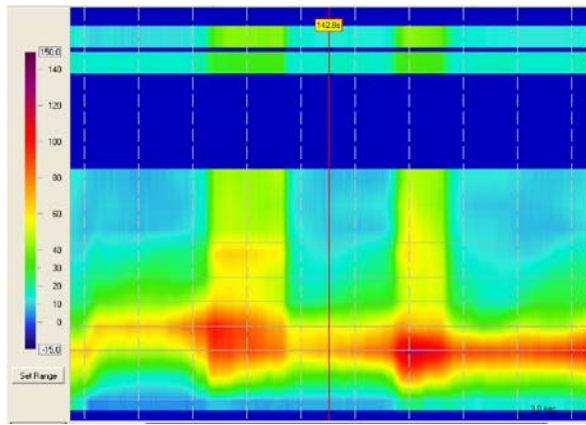
Squeeze Pressure



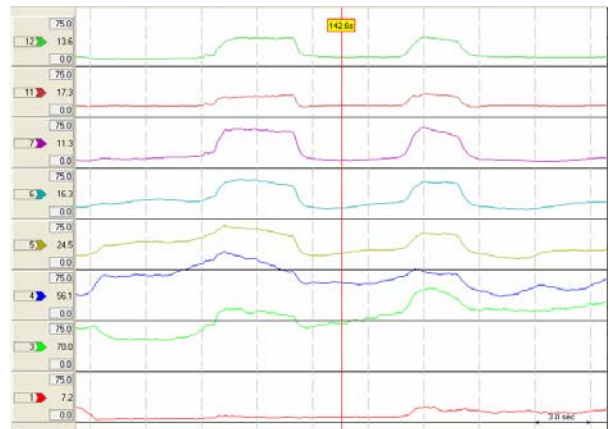
Squeeze Pressure



Valsalva



Valsalva





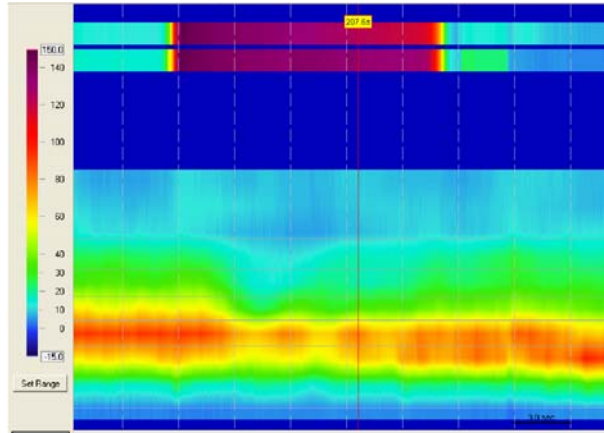
Hospital
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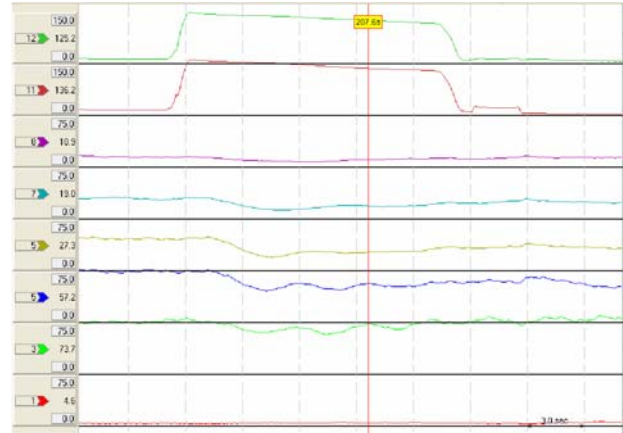
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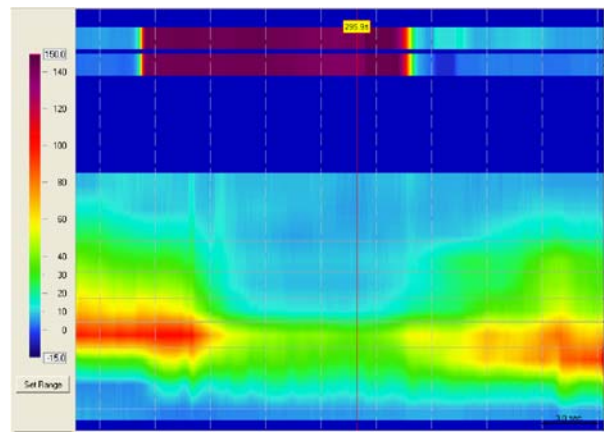
Balloon (40 cc fill)



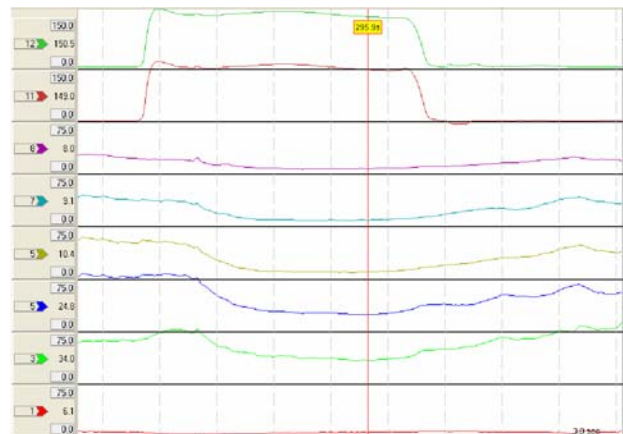
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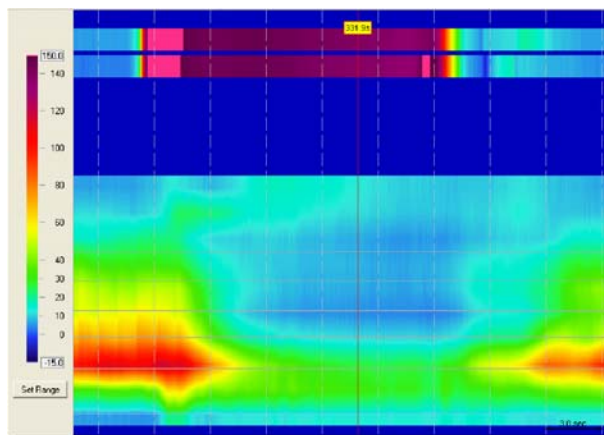
Balloon (60 cc fill)



Balloon (60 cc fill)



Balloon (80 cc fill)



Balloon (80 cc fill)

