



## Screenshots for Documentation of Motility (MOT) Procedures in CORI v4

### Table of Contents

HISTORY .....	2
<i>Surgical History</i> .....	4
<i>Medical History</i> .....	5
PHYSICAL EXAMINATION .....	7
INDICATIONS .....	8
PREPROCEDURE .....	9
PROCEDURE .....	14
AMBULATORY PH STUDY .....	15
PH IMPEDENCE .....	16
ESOPHAGEAL MANOMETRY .....	17
ANORECTAL MANOMETRY .....	19
EVENTS .....	20
ASSESSMENT / PLAN .....	24
LETTERS / INSTRUCTIONS .....	27

Above each screenshot or set of screenshots is the name of the table in the v4 National Endoscopic Database where the data collected on that screen is found. Some screenshots show the content of subscreens that are also documented in the same table. Controls which have subscreens are evidenced by the orange arrows:

# HISTORY

Table: History

Pathology
Images
Print
Fax
Orders

First name: Fake
Middle name:
Last name: Patient
MRN: 00000000
Birth date: 1/1/1901
Procedure date: 1/ 1/2000 12:00 PM

**History**

Physical exam

Indications

Preprocedure

Procedure

Ambulatory pH Study

pH - Impedance

Esophageal Manometry

Anorectal Manometry

Events

Assessment/Plan

Letters/Instructions

Save

Sign

Print Preview

Close

**Medications**

Within the last 7 days, has the patient taken anti-inflammatory, anti-coagulant or anti-platelet medications?  Yes  No

Which medications	Stopped prior to exam?	# of days prior
<input type="checkbox"/> ASA	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> NSAID	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> COX-2	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> Heparin	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> LMWH	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> Coumadin	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> Plavix	<input type="radio"/> Yes <input type="radio"/> No	
<input type="checkbox"/> Other	<input type="radio"/> Yes <input type="radio"/> No	

Other antiinflammatory/anticoagulant/antiplatelet meds

Anticoagulation plan

Other medications

**Patient habits**

Smoking history:

Amount:

Number of years:

Smokes every day:  Yes  No

Current alcohol consumption (wine, beer, liquor):

No prior surgeries

Surgical history

No history of major medical illness

Medical history

Recent labs/studies:  Yes  No

Allergies:  Yes  No

History comments

Please do not use this field if you can document the information using other fields on the screen

**Patient habits**

Smoking history:

Amount:

Number of years:

Smokes every day:  Yes  No

Current alcohol consumption (wine, beer, liquor):

**Patient habits**

Smoking history:

Amount:

Number of years:

Smokes every day:  Yes  No

Current alcohol consumption (wine, beer, liquor):

Patient habits

Smoking history

Amount

Number of years

Smokes every day  Yes  No

Current alcohol consumption (wine, beer, liquor)

No prior surgeries

Surgical history

- Abstains
- Occasional (average less than daily)
- Moderate (1-2 drinks per day)
- Heavy (>2 drinks per day)

## Surgical History

Table: HxSurgHx

Patient History > Surgical History

Biliary/Pancreatic	GI, Upper	Genitourinary
<input type="checkbox"/> Biliary bypass <input type="checkbox"/> Cholecystectomy <input type="checkbox"/> Cyst removal <input type="checkbox"/> Liver surgery <input type="checkbox"/> Pancreatic resection <input type="checkbox"/> Pancreatic surgery <input type="checkbox"/> Sphincteroplasty <input type="checkbox"/> Whipple procedure	<input type="checkbox"/> Anti-reflux surgery <input type="checkbox"/> Billroth I <input type="checkbox"/> Billroth II <input type="checkbox"/> Esophageal myotomy (Heller) <input type="checkbox"/> Esophagectomy <input type="radio"/> partial <input type="radio"/> total <input type="checkbox"/> Gastrectomy <input type="radio"/> partial <input type="radio"/> total <b>Gastric bypass</b> <input type="checkbox"/> Banded gastroplasty <input type="checkbox"/> Roux-en-Y gastric bypass (RYGB) <input type="checkbox"/> Sleeve gastrectomy <input type="checkbox"/> Gastrojejunostomy <input type="checkbox"/> Gastrostomy tube <input type="checkbox"/> Jejunostomy tube <input type="checkbox"/> Pyloroplasty	<input type="checkbox"/> Cesarean Section <input type="checkbox"/> Total abdominal hysterectomy <input type="checkbox"/> Tubal ligation <input type="checkbox"/> Vaginal hysterectomy <input type="checkbox"/> Partial hysterectomy <input type="checkbox"/> TURP
<b>Cardiovascular</b> <input type="checkbox"/> Coronary artery bypass <input type="checkbox"/> Valve replacement		<b>Pulmonary</b> <input type="checkbox"/> Lobectomy
<b>GI, Lower</b> <input type="checkbox"/> Colostomy <input type="checkbox"/> Left hemicolectomy <input type="checkbox"/> Right hemicolectomy <input type="checkbox"/> Segmental colectomy <input type="checkbox"/> Total colectomy with <input type="radio"/> ileostomy <input type="radio"/> ileo-anal pouch <input type="radio"/> Koch pouch <input type="checkbox"/> Hemorrhoidectomy <input type="checkbox"/> Terminal ileum resection <input type="checkbox"/> Appendectomy		<b>Organ Transplant</b> <input type="checkbox"/> Heart <input type="checkbox"/> Liver <input type="checkbox"/> Lung <input type="checkbox"/> Kidney <input type="checkbox"/> Pancreas <input type="checkbox"/> Small Bowel <input type="checkbox"/> Bone marrow
		<b>Other</b> <input type="checkbox"/> Other surgical history ▶ <input type="checkbox"/> Tonsillectomy

Other: Other surgical history

Table: SurgHxOther

Other surgical history

## Medical History

Table: HxMedHx

Patient history > Medical history

Cardiovascular	Gastrointestinal	Infection
<input type="checkbox"/> Angina <input type="checkbox"/> Congestive heart failure (CHF) <input type="checkbox"/> Coronary artery disease (CAD) <input type="checkbox"/> Dysrhythmia <input type="checkbox"/> Deep vein thrombosis/PE <input type="checkbox"/> Hypertension (HTN) <input type="checkbox"/> Implanted defibrillator <input type="checkbox"/> Murmur <input type="checkbox"/> Myocardial Infarction (MI) <input type="checkbox"/> Pacemaker <input type="checkbox"/> Peripheral vascular disease (PVD) <input type="checkbox"/> Rheumatic fever <input type="checkbox"/> Valvular heart disease	<input type="checkbox"/> Adenomatous polyps <input type="checkbox"/> Barrett's esophagus Cancer <input type="checkbox"/> Anal Cancer <input type="checkbox"/> Colorectal Cancer <input type="checkbox"/> Esophageal Cancer <input type="checkbox"/> Gastric Cancer <input type="checkbox"/> Small bowel Cancer <input type="checkbox"/> Crohn's disease <input type="checkbox"/> Diverticulitis <input type="checkbox"/> Dysphagia <input type="checkbox"/> Esophagitis <input type="checkbox"/> Eosinophilic esophagitis <input type="checkbox"/> Food impaction <input type="checkbox"/> Gastritis <input type="checkbox"/> Gastroesophageal reflux disease (GERD) <input type="checkbox"/> H. pylori <input type="checkbox"/> Inflammatory bowel disease (IBD) <input type="checkbox"/> Irritable bowel syndrome (IBS) <input type="checkbox"/> Pancreatitis <input type="radio"/> acute <input type="radio"/> chronic <input type="checkbox"/> Small bowel obstruction <input type="checkbox"/> Sphincter of Oddi dysfunction <input type="checkbox"/> Ulcerative colitis <input type="checkbox"/> Ulcers	<input type="checkbox"/> Human immunodeficiency virus (HIV) <input type="checkbox"/> Methicillin resistant Staph. aureus (MRSA) <input type="checkbox"/> Sepsis <input type="checkbox"/> Vancomycin resistant Staph. aureus (VRSA)
Endocrine	Genitourinary	Neurological/Musculoskeletal
<input type="checkbox"/> Diabetes <input type="checkbox"/> Hyperlipidemia <input type="checkbox"/> Osteoporosis <input type="checkbox"/> Steroid use <input type="checkbox"/> Thyroid abnormality <input type="checkbox"/> Weight change > 10 lbs (recent)	<input type="checkbox"/> Benign prostatic hypertrophy <input type="checkbox"/> Nephrolithiasis <input type="checkbox"/> Prostate cancer	<input type="checkbox"/> Arthritis <input type="checkbox"/> Back problems <input type="checkbox"/> Dementia <input type="checkbox"/> Depression <input type="checkbox"/> Lupus/SLE <input type="checkbox"/> Migraines <input type="checkbox"/> Neuromuscular disease <input type="checkbox"/> Stroke <input type="checkbox"/> Seizure <input type="checkbox"/> Syncope <input type="checkbox"/> Transient ischemic attack
Gynecological	Liver/Biliary	Pulmonary
<input type="checkbox"/> Ovarian cancer Age at diagnosis: <input type="text"/> <input type="checkbox"/> Endometrial cancer Age at diagnosis: <input type="text"/> <input type="checkbox"/> Breast cancer Age at diagnosis: <input type="text"/> <input type="checkbox"/> Pregnancy	<input type="checkbox"/> Cirrhosis <input type="checkbox"/> Portal hypertension Viral hepatitis <input type="checkbox"/> Hepatitis B <input type="checkbox"/> Hepatitis C <input type="checkbox"/> Other hepatitis <input type="checkbox"/> Cholelithiasis <input type="checkbox"/> Cholecystitis	<input type="checkbox"/> Asthma <input type="checkbox"/> Chronic obstructive lung disease <input type="checkbox"/> Dyspnea <input type="checkbox"/> Orthopnea <input type="checkbox"/> Pneumonia <input type="checkbox"/> Sleep apnea <input type="checkbox"/> Tuberculosis <input type="checkbox"/> Upper respiratory infection (recent)
Hematological	Renal	Other
<input type="checkbox"/> Anemia <input type="checkbox"/> Thrombocytopenia <input checked="" type="checkbox"/> Hematological cancer <input type="checkbox"/> Chemotherapy <input type="checkbox"/> Hemophilia <input type="checkbox"/> Radiation therapy <input type="checkbox"/> Sickle cell disease/trait	<input type="checkbox"/> Continuous abdominal peritoneal dialysis (CAPD) <input type="checkbox"/> Hemodialysis <input type="checkbox"/> Renal failure <input type="checkbox"/> Urinary tract infection (recent)	<input type="checkbox"/> Obesity <input checked="" type="checkbox"/> Other medical history

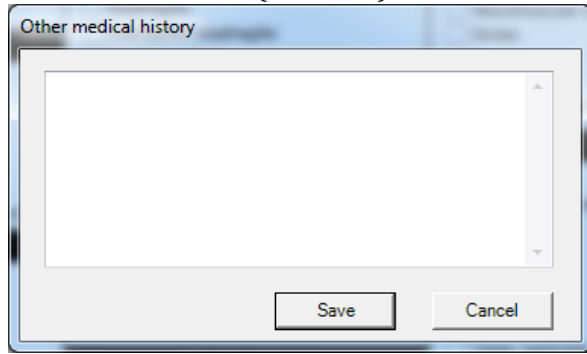
Hematological: Hematological cancer

Table: HemeCaType

Hematological cancer

Please indicate type of hematological cancer

Other: Other medical history  
Table: MedHxOther (redacted)



# PHYSICAL EXAMINATION

Table: PE

Pathology
Images
Print
Fax
Orders

First name
Middle name
Last name
MRN
Birth date
Procedure date

Fake

Patient
00000000
1/1/1901
1/ 1/2000 12:00 PM

History

Physical exam

Indications

Preprocedure

Procedure

Ambulatory pH Study

pH - Impedance

Esophageal Manometry

Anorectal Manometry

Events

Assessment/Plan

Letters/Instructions

Save

Sign

Print Preview

Close

Physical exam performed

Measurements

Height/length   in

Weight   lbs

BMI #

BMI class (adults)

Units

English

Metric

Physical exam(s)

Entire PE WNL

Abdominal Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Airway Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Cardio-pulmonary Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Extremity Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
HEENT Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Mental status Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Neurological Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed
Rectal Exam	<input type="radio"/> Normal	<input type="radio"/> Abnormal	<input type="radio"/> Not performed

Systolic BP   mm. Hg

Diastolic BP   mm. Hg

Pulse   beats / min.

Physical exam comments

Please do not use this field if you can document the information using other fields on the screen

# INDICATIONS

Table: MotInd

Motility

Pathology Images Print Fax Orders

First name: Fake Middle name: Last name: Patient MRN: 00000000 Birth date: 1/1/1901 Procedure date: 1/ 1/2000 12:00 PM

History  
Physical exam  
**Indications**  
Preprocedure  
Procedure  
Ambulatory pH Study  
pH - Impedance  
Esophageal Manometry  
Anorectal Manometry  
Events  
Assessment/Plan  
Letters/Instructions

Save  
Sign  
Print Preview  
Close

Upper GI Symptoms

- Dysphagia
  - Oro-pharyngeal
  - Esophageal
    - with solids  with solids and liquids
    - with liquids
- Reflux symptoms
  - Duration:  unknown  <1 year  1-5 years  6-10 years  >10 years
  - Frequency:  unknown  <3 days/week  3-6 days/week  daily
- Regurgitation
  - Duration:  unknown  <1 year  1-5 years  6-10 years  >10 years
  - Frequency:  unknown  <3 days/week  3-6 days/week  daily
- Vomiting
- Nausea
- Bloating
- Early satiety
- Anorexia
- Other upper GI symptom

Extra-esophageal symptoms

- Chest pain
- Globus hystericus
- Cough
  - at night  during the day  day and night
- Laryngitis/hoarsenes
- Asthma
- Aspiration
- Other extra-esophageal symptom

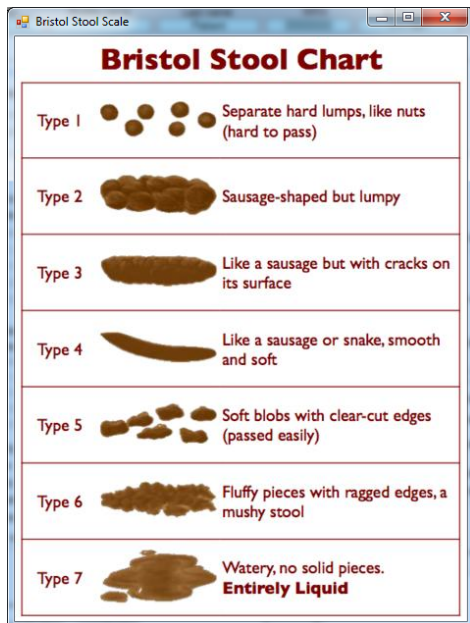
Lower GI Symptoms

- Incontinence
- Diarrhea # stools/day
- Constipation
  - # stools/week
  - straining with stools
  - # vaginal deliveries
  - Bristol Stool Scale Type
- Pseudoobstruction symptoms
- Other lower GI symptom(s)

Indications comments

Primary Indication

## Bristol Stool Scale Examples





# PREPROCEDURE

Table: MotPreProc

Procedure personnel grid: MotPreProc\_Procedure\_personnel\_grid

The screenshot shows the 'Motility' software window with the 'Preprocedure' tab selected. The form is divided into several sections:

- Patient Information:** First name (Fake), Middle name, Last name (Patient), MRN (00000000), Birth date (1/1/1901), Procedure date (1/1/2000 12:00 PM).
- Procedure consent:** Was a consent obtained? (Yes/No), Person consenting (dropdown), Consent obtained by (dropdown), Time-out performed (Yes/No).
- Monitoring:** Blood pressure, ECG, Pulse oximetry, Capnography, Supplemental oxygen at baseline, Other monitoring.
- Pre-sedation assessment:** ASA classification (dropdown), Urgency (Emergency/Urgent/Elective), Assessed by (dropdown).
- Patient Admission Status:** Outpatient, Inpatient, ED, Endoscopy performed in (dropdown).
- Procedure personnel:** Role (Endoscopist), Name (Corey Cori, MD).
- Preprocedure comments:** A text area for notes.

Menu containing only site-specific data: Performed by

Menu containing only site-specific data: Interpreted by

This close-up shows the 'Consent obtained by' dropdown menu. The options listed are Patient, Family Member, and Guardian.

This close-up shows the 'Consent obtained by' dropdown menu with a different set of options: Physician, Endoscopist, PA, GI assistant, and Staff nurse.

**Patient Admission Status**

Outpatient  
 Inpatient  
 ED

Endoscopy performed in

Hospital endoscopy suite  
 Ambulatory surgery center  
 Office  
 Radiology suite

**Did the patient consent to be contacted for research purposes?**

Consented  
 Did not consent  
 Not asked for consent

**Procedure personnel**

Role	Name
Endoscopist - Attending physician	Corey Cori, MD

**Patient Admission Status**

Outpatient  
 Inpatient  
 ED

Endoscopy performed in

Endoscopy suite  
 Hospital ward  
 ICU  
 NICU  
 OR  
 PICU  
 Radiology suite  
 Short stay unit

**Did the patient consent to be contacted for research purposes?**

Consented  
 Did not consent  
 Not asked for consent

**Procedure personnel**

Role	Name
Endoscopist - Attending physician	Corey Cori, MD

**Did the patient consent to be contacted for research purposes?**

Consented  
 Did not consent  
 Not asked for consent

**Implantable defibrillator device?**

Yes  
 No

**Procedure personnel** Add staff

Role	Name
Endoscopist - Attending physician	Corey Cori, MD

Bronchoscopist - Attending physician  
 Bronchoscopist - Fellow  
 Endoscopist - Attending physician  
 Endoscopist - Fellow  
 Nurse  
 Nurse anesthetist  
 Nurse assistant  
 Nurse practitioner

Perform: Corey Cori, MD

**Pre-sedation assessment**

ASA classification

Urgency

Assessed by

**Pre-sedation assessment**

ASA classification

Urgency

Emergency  
 Urgent  
 Elective

Assessed by

Preprocedure antibiotics

**Anesthesia / Sedation**

Topical anesthetic used

Nurse  
 Nurse anesthetist  
 Nurse assistant  
 Nurse practitioner

Preprocedure comments

Please do not use this field if other fields on the screen

Anesthesiologist  
 Assistant  
 Endoscopist - Attending Physician  
 Endoscopist - Fellow  
 Endoscopist - Nurse Practitioner  
 Endoscopist - Physician assistant  
 ENT staff  
 ICU staff  
 Nurse  
 Nurse anesthetist  
 Nurse assistant  
 Nurse practitioner  
 Oncology staff  
 Pathology staff  
 Physician assistant  
 Primary care physician  
 Radiology staff  
 Research staff  
 Resident  
 Student  
 Surgeon  
 Technician

Anesthesia / Sedation

Topical anesthetic used

Preprocedural

Please do not use other fields on the screen

Cetacaine Spray  
Hurracaine Spray  
Lidocaine 2%  
Lidocaine 4%

Monitoring: Supplemental oxygen at baseline

Table: PreProcSupO2

Supplemental oxygen detail

Oxygen flow (liters)

Delivery method

Comments

Save Cancel

Monitoring: Other monitoring

Table: PreProcMonitoringOther (no data)

Other monitoring

Save Cancel

Preprocedure antibiotics given

Table: PreProcAntibiotics (no data)

Antibiotics grid: MotPreProc\_Antibiotics\_grid (no data)

Preprocedure antibiotics

Antibiotics Add med

Medication	Dose	Route
------------	------	-------

Other antibiotic medication

Indication for preprocedure antibiotics

Cardiac transplant with valvulopathy  History of endocarditis

Cirrhosis and GI bleeding  PEG placement

Drainage of pseudocyst planned  Prosthetic cardiac valve

EUS-FNA of cystic lesion planned

Congenital heart disease (CHD)

Unrepaired cyanotic CHD

Recently repaired CHD with prosthetic material or device

Repaired CHD with residual defects near prosthetic material or device

Other

Save Cancel

Antibiotics Add med

Medication	Dose	Route
------------	------	-------

- amoxicillin
- ampicillin
- cefazolin
- cephalexin
- ciprofloxacin
- clindamycin
- gentamicin
- levofloxacin
- metronidazole
- moxifloxacin
- ofloxacin
- streptomycin
- trimethoprim/sulfamethoxazole
- vancomycin

Other antibiotic medication

Indication for preprocedure antibiotics

Cardiac transplant with valvulopathy  History of endocarditis

Antibiotics Add med

Medication	Dose	Route
------------	------	-------

- 250 mg
- 500 mg
- 750 mg
- 1000 mg
- 1500 mg
- 2000 mg

Other antibiotic medication

(Dose menu customized to Medication selection)

Antibiotics Add med

Medication	Dose	Route
amoxicillin		

Other antibiotic medication

- Aerosol
- IM
- IV
- PO
- PR
- SC
- SL
- Topical

# PROCEDURE

Table: MotProc

Instruments grid: MotProc\_Instruments\_grid

Motility

Pathology Images Print Fax Orders

First name: Fake Middle name: Last name: Patient MRN: 00000000 Birth date: 1/1/1901 Procedure date: 1/1/2000 12:00 PM

Use Defaults

Procedure performed

Esophageal manometry

- low resolution
- low resolution with stimulation or perfusion
- high resolution
- high resolution with stimulation or perfusion

Impedance Manometry

- Esophageal function impedance test
- Prolonged esophageal function impedance test (1-24 hours)

Ambulatory pH test

- catheter
- Bravo capsule

Anorectal manometry

- Anorectal manometry
- Other procedure

Was the procedure completed?  Yes  No

Reason(s) procedure was incomplete

- Patient intolerance
- Technical failure of instrument
- Inability to intubate
- Other reason

Patient tolerance: [dropdown]

Was fluoroscopy used?  Yes  No

Instruments **Add instrument**

Instrument	Serial Number
------------	---------------

Procedure comments

Please do not use this field if you can document the information using other fields on the screen

Save Sign Print Preview Close Save as Default

Menu customized by site: Instrument, Serial Number in Instruments grid

Patient tolerance: [dropdown]

Was fluoroscopy used? [dropdown]

Instruments

Instrument	Serial Number
------------	---------------

# AMBULATORY PH STUDY

Table: MotPh

Pathology
Images
Print
Fax
Orders

First name: Fake
Middle name:
Last name: Patient
MRN: 00000000
Birth date: 1/1/1901
Procedure date: 1/ 1/2000 12:00 PM

History

Physical exam

Indications

Preprocedure

Procedure

**Ambulatory pH Study**

pH - Impedance

Esophageal Manometry

Anorectal Manometry

Events

Assessment/Plan

Letters/Instructions

Save

Sign

Print Preview

Close

**Probe Placement**

pH probe placed  cm above LES

LES determined

endoscopically

fluoroscopically

manometrically

by other method

Probe type

distal esophagus probe

distal and proximal probes

Bravo capsule

other

**Intraesophageal acid exposure**

pH threshold

Percent of time below threshold	Proximal	Distal
Total	<input type="text"/>	<input type="text"/>
Upright %	<input type="text"/>	<input type="text"/>
Supine %	<input type="text"/>	<input type="text"/>

**Symptoms / episodes**

	Proximal	Distal
Longest duration of reflux symptoms (mins)	<input type="text"/>	<input type="text"/>
Number of episodes > 5 minutes	<input type="text"/>	<input type="text"/>

**DeMeester Score**

Score  Normal <= 14.72 (95th percentile)

**Symptom Indices**

Symptom sensitivity index (%)

Proximal  Distal

Other index

**Monitoring time**

Hours  Minutes

**Assessment**

Assessment:

**Comments**

**Assessment**

Assessment:

Comments:

# PH IMPEDENCE

Table: MotARM

Motility		Pathology	Images	Print	Fax	Orders												
<p>History</p> <p>Physical exam</p> <p>Indications</p> <p>Preprocedure</p> <p>Procedure</p> <p>Ambulatory pH Study</p> <p><b>pH - Impedance</b></p> <p>Esophageal Manometry</p> <p>Anorectal Manometry</p> <p>Events</p> <p>Assessment/Plan</p> <p>Letters/Instructions</p> <p>Save</p> <p>Sign</p> <p>Print Preview</p> <p>Close</p>		<p>First name: Fake Middle name: Last name: Patient MRN: 00000000 Birth date: 1/1/1901 Procedure date: 1/ 1/2000 12:00 PM</p>																
<p><b>Probe Placement</b></p> <p>pH probe placed <input type="text"/> cm above LES</p> <p>LES determined</p> <p><input type="radio"/> endoscopically</p> <p><input type="radio"/> fluoroscopically</p> <p><input type="radio"/> manometrically</p> <p><input type="radio"/> by other method</p>		<p><b>Symptoms</b></p> <table border="0"> <tr> <td>Episodes</td> <td>Heartburn</td> <td>Chest pain</td> </tr> <tr> <td>Total episodes <input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Reflux-related <input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Unrelated <input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table> <p>Reflux Symptom Index <input type="text"/> Heartburn <input type="text"/> Chest pain <input type="text"/></p>					Episodes	Heartburn	Chest pain	Total episodes <input type="text"/>	<input type="text"/>	<input type="text"/>	Reflux-related <input type="text"/>	<input type="text"/>	<input type="text"/>	Unrelated <input type="text"/>	<input type="text"/>	<input type="text"/>
Episodes	Heartburn	Chest pain																
Total episodes <input type="text"/>	<input type="text"/>	<input type="text"/>																
Reflux-related <input type="text"/>	<input type="text"/>	<input type="text"/>																
Unrelated <input type="text"/>	<input type="text"/>	<input type="text"/>																
<p><b>Monitoring time</b></p> <p>Hours <input type="text"/> Minutes <input type="text"/></p>		<p><b>Intraesophageal acid exposure</b></p> <p>pH threshold <input type="text"/></p> <p>Percent of time below threshold Total % <input type="text"/></p> <p>Upright % <input type="text"/></p> <p>Supine % <input type="text"/></p>																
<p><b>DeMeester Score</b></p> <p><input type="text"/> Normal &lt;= 14.72 (95th percentile)</p>		<p><b>Assessment</b></p> <p>Assessment <input type="text"/></p>																
<p><b>Reflux episode activity</b></p> <p>Episodes / 24 hours</p> <p>Total <input type="text"/></p> <p>Upright <input type="text"/></p> <p>Supine <input type="text"/></p>		<p><b>Comments</b></p> <p><input type="text"/></p>																

<p>Assessment</p> <p>Assessment <input type="text"/></p> <p>Normal examination</p> <p>Abnormal examination</p>
<p>Comments</p> <p><input type="text"/></p>



# ESOPHAGEAL MANOMETRY

Table: MotEso

Pathology
Images
Print
Fax
Orders

First name: Fake
Middle name:
Last name: Patient
MRN: 00000000
Birth date: 1/1/1901
Procedure date: 1/ 1/2000 12:00 PM

History

Physical exam

Indications

Preprocedure

Procedure

Ambulatory pH Study

pH - Impedance

**Esophageal Manometry**

Anorectal Manometry

Events

Assessment/Plan

Letters/Instructions

Save

Sign

Print Preview

Close

**Probe Placement**

Probe placement determined

endoscopically

fluoroscopically

manometrically

by other method

**Lower Esophageal Sphincter**

Sphincter location

Proximal (cm)

Distal (cm)

Length (cm)

Mean LES pressures (mmHg)

Basal

Residual

Relaxation

Unable to assess LES

unable to pass a catheter across the LES

insufficient pressure to measure accurately

other

**Esophageal Body**

# of swallows

Peristalsis present

Peristalsis absent

Unable to assess peristalsis

unable to pass a catheter across the LES

insufficient pressure to measure accurately

other

Mean distal amplitude (mmHg)

Mean duration (sec)

Velocity (cm/sec)

Diffuse esophageal spasm present    % swallows

Non-transmitted contractions present    % swallows

**Assessment**

LES

Esophageal body

Manometric diagnosis

**Comments**

**Assessment**

LES

Esophageal body

Manometric diagnosis

**Comments**

**Assessment**

LES

Esophageal body

Manometric diagnosis

**Comments**

CORI v4 Endoscopic Reporting Software / National Endoscopic Database

17

Assessment

LES

Esophageal body

Manometric diagnosis

Comments

- Normal esophageal motility
- Abnormal esophageal motility
- Nonspecific esophageal motility disorder
- Achalasia
- Diffuse Esophageal Spasm
- Nutcracker esophagus
- Scleroderma-type esophagus

# ANORECTAL MANOMETRY

Table: MotAno

Pathology
Images
Print
Fax
Orders

First name	Middle name	Last name	MRN	Birth date	Procedure date
Fake		Patient	00000000	1/1/1901	1/ 1/2000 12:00 PM

- History
- Physical exam
- Indications
- Preprocedure
- Procedure
- Ambulatory pH Study
- pH - Impedance
- Esophageal Manometry
- Anorectal Manometry
- Events
- Assessment/Plan
- Letters/Instructions

**Probe Placement**

Probe placement determined

- endoscopically
- fluoroscopically
- manometrically
- by other method

**Resting**

Basal sphincter pressure (mmHg)

**Squeeze**

Maximum sphincter pressure (mmHg)

Fatigue @  seconds

**Cough**

Maximum sphincter pressure (mmHg)

**Attempted Defecation**

Residual anal pressure (mmHg)

Anal relaxation %

Balloon expulsion?  Yes  No

**Rectoanal Inhibitory Reflex (RAIR)**

% relaxation

**Rectal sensitivity (cc of balloon inflation)**

First sensation

Urge to defecate

Discomfort

**Assessment**

Assessment

**Comments**

**Assessment**

Assessment

Abnormal examination

**Comments**

# EVENTS

Table: Intervention

Intervention medication grid: Intervention\_Intervention\_medication\_grid

(Dose menu customized to Medication selection)

Intervention medication			Add med
Medication	Dose	Route	
atropine			
			<ul style="list-style-type: none"> <li>Aerosol</li> <li>IM</li> <li>IV</li> <li>PO</li> <li>PR</li> <li>SC</li> <li>SL</li> <li>Topical</li> </ul>
<input type="checkbox"/> Other intervention medication			

Cardiac events: Other cardiac event

Table: EventCardiacOther

Other cardiac events

Pulmonary events: Hypoxia – Prolonged (>15 sec)

Table: EventHypoxia

Prolonged hypoxia comments

Pulmonary events: Bleeding

Table: EventBleeding

Bleeding comments

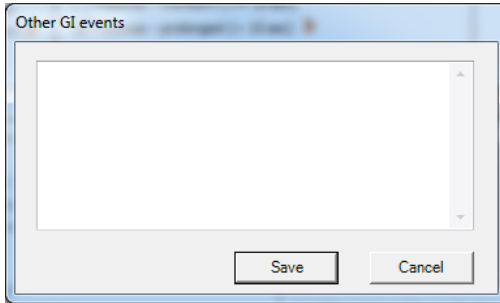
Pulmonary events: Other pulmonary event

Table: EventPulmOther

Other pulmonary events

Gastrointestinal events: Other GI event

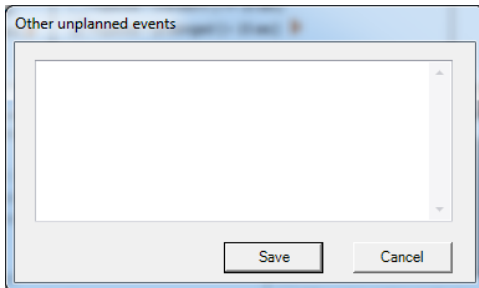
Table: EventGIOther



A screenshot of a dialog box titled "Other GI events". It features a large, empty text area for input. At the bottom right, there are two buttons: "Save" and "Cancel".

Other events: Other event

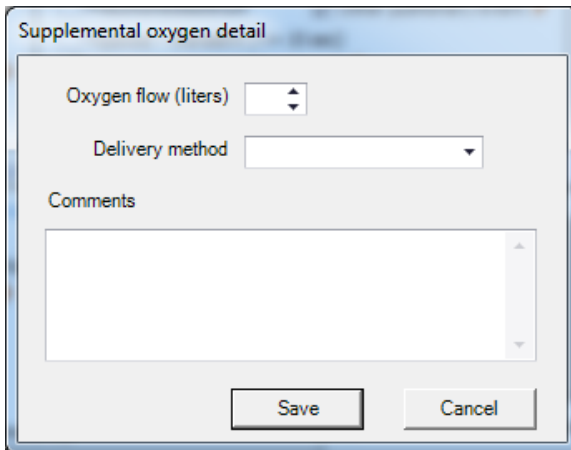
Table: EventOther



A screenshot of a dialog box titled "Other unplanned events". It features a large, empty text area for input. At the bottom right, there are two buttons: "Save" and "Cancel".

If yes, specify the interventions: Oxygen administered

Table: EventsO2Admin



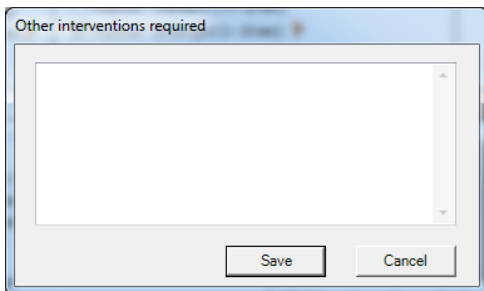
A screenshot of a dialog box titled "Supplemental oxygen detail". It contains the following fields:

- "Oxygen flow (liters)" with a numeric spinner control.
- "Delivery method" with a dropdown menu.
- "Comments" with a large text area.

At the bottom right, there are two buttons: "Save" and "Cancel".

If yes, specify the interventions: Other interventions

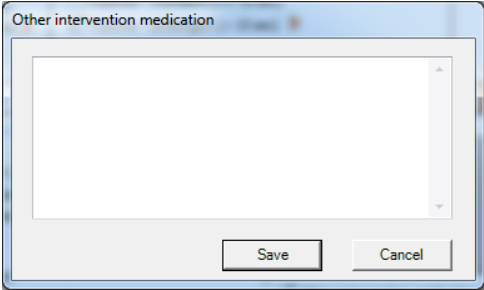
Table: EventIntervenOther



A screenshot of a dialog box titled "Other interventions required". It features a large, empty text area for input. At the bottom right, there are two buttons: "Save" and "Cancel".

Intervention medications: Other intervention medication

Table: IntervenMedOther



# ASSESSMENT / PLAN

Table: TreatmentPlan

New Medications grid: TreatmentPlan\_New\_medications\_grid

Scheduling and Referring grid: TreatmentPlan\_Scheduling\_and\_Referring\_grid (redacted)

The screenshot shows the 'Motility' software window. On the left is a sidebar with buttons for History, Physical exam, Indications, Preprocedure, Procedure, Ambulatory pH Study, pH - Impedance, Esophageal Manometry, Anorectal Manometry, Events, Assessment/Plan (highlighted), and Letters/Instructions. At the bottom of the sidebar are Save, Sign, Print Preview, and Close buttons. The main window has tabs for Pathology, Images, Print, Fax, and Orders. Below these are fields for First name (Fake), Middle name, Last name (Patient), MRN (00000000), Birth date (1/1/1901), and Procedure date (1/ 1/2000 12:00 PM). The Assessment section is currently empty. The Medication plan section has several checkboxes: Start new medications, Discontinue current medications, Continue current medications, Await pathology, Medications per referring provider, and No medications required. Below this are two grids: 'New medications' with columns Medication Type, Medication, Dose, Route, Sig, Disp, and Comments; and 'Scheduling and Referring' with columns Activity Type, Activity, When, Date, and Comments. Both grids have an 'Add med' or 'New activity' button above them and an 'Other...' link below.

This close-up shows the 'New medications' grid with the 'Add med' button highlighted. A dropdown menu is open, listing various medication types such as 5-ASA, Anti-constipation, Anti-diarrheal, Antibiotics, Antiemetic, Antispasmodics, Bile Acids, Fiber supplements, H2 Blocker, Hemorrhoidal Agent, Hormone therapy, HP Med, Immunosuppressants, Non-Steroids, Other GI Medications, PPI, Protonix, Psychotropics, Steroids, and Varices Meds. The '5-ASA' option is currently selected.

This close-up shows the 'New medications' grid with the 'Add med' button clicked. The dropdown menu for the '5-ASA' medication type is open, showing options: mesalamine, mesalamine enema, mesalamine suppository, olsalazine, and sulfasalazine. The 'mesalamine enema' option is currently selected.

(Medication menu customized to Medication Type selection)



New medications						
Medication Type	Medication	Dose	Route	Sig	Disp	Comments
5-ASA	mesalamine	1500 mg				
<input type="checkbox"/> Other new medications						

(Dose menu customized to Medication selection)

New medications						
Medication Type	Medication	Dose	Route	Sig	Disp	Comments
5-ASA	mesalamine		Aerosol			
<input type="checkbox"/> Other new medications						

New medications						
Medication Type	Medication	Dose	Route	Sig	Disp	Comments
5-ASA	mesalamine		AC			
<input type="checkbox"/> Other new medications						

Scheduling and Referring				
Activity Type	Activity	When	Date	Comments
Admit to hospital				
<input type="checkbox"/> Other plan				

Scheduling and Referring				
Activity Type	Activity	When	Date	Comments
Followup	Call office			
<input type="checkbox"/> Other plan				

(Activity menu customized to Activity Type selection)

Scheduling and Referring				
Activity Type	Activity	When	Date	Comments
Followup		Around		
<input type="checkbox"/> Other plan				

Medication plan: Discontinue current medications

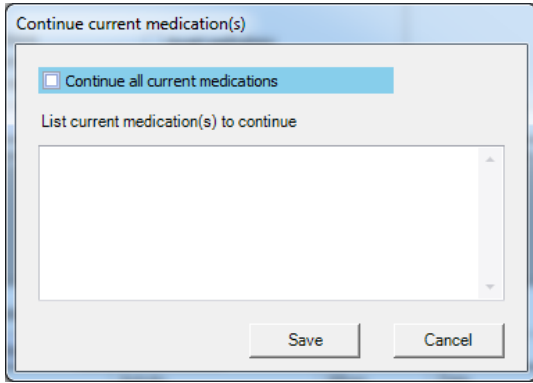
Table: DiscontinueCurMeds

Discontinue current medication(s)

List current medication(s) to discontinue

Medication plan: Continue all current medications

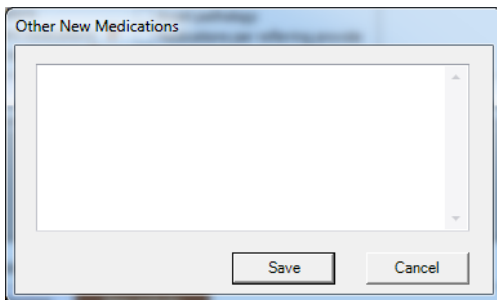
Table: ContinueMeds



The screenshot shows a dialog box titled "Continue current medication(s)". At the top, there is a checkbox labeled "Continue all current medications" which is checked. Below the checkbox is a text label "List current medication(s) to continue" followed by a large, empty text area with a vertical scrollbar. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

Medication plan: Other new medications

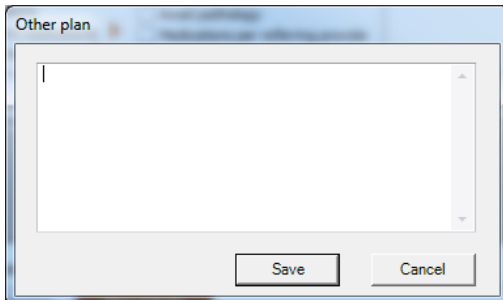
Table: OtherNewMeds



The screenshot shows a dialog box titled "Other New Medications". It features a large, empty text area with a vertical scrollbar. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

Scheduling and Referring: Other plan

Table: PlanOther



The screenshot shows a dialog box titled "Other plan". It contains a large, empty text area with a vertical scrollbar. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

# LETTERS / INSTRUCTIONS

## Letters

The screenshot shows the 'Letters' window in the Motility software. The window title is 'Motility'. On the left is a vertical navigation menu with buttons for: History, Physical exam, Indications, Preprocedure, Procedure, Ambulatory pH Study, pH - Impedance, Esophageal Manometry, Anorectal Manometry, Events, Assessment/Plan, and Letters/Instructions (which is highlighted in blue). The main area is divided into several sections:

- Pathology Images Print Fax Orders**: A header bar with tabs for Pathology, Images, Print, Fax, and Orders.
- Patient Information**: Fields for First name (Fake), Middle name, Last name (Patient), MRN (00000000), Birth date (1/1/1901), and Procedure date (1/ 1/2000 12:00 PM). A 'Use Defaults' button is below.
- Select Providers to receive copies of the report**: A search box for last name, a 'Providers' link, and a list area with 'Add ->' and '< Remove' buttons. A checkbox 'Print these providers at bottom of procedure report' is at the bottom right.
- Referring provider**: A dashed line for the referring provider.
- Other providers to be copied**: Two dashed lines for other providers.
- Finding-specific instructions**: A dropdown for 'Motility study' and checkboxes for GERD, Achalasia, Diffuse esophageal spasm, and Nutcracker esophagus.
- Instructions given in**: A dropdown menu.
- Standardized instructions given**: Checkboxes for Sedation and High-fiber diet.
- Post-exam instructions given**: Fields for NPO, Liquids only, Resume prior diet, No alcohol, ASA / NSAIDS, and Restart medications.
- Other specific post-exam instructions**: A large text area for additional instructions.
- Buttons**: 'Save', 'Sign', 'Print Preview', 'Close', and 'Save as Default' are located at the bottom of the window.