




Screenshots for Documentation of Pediatric Bronchoscopy Procedures in CORI v4

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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: PEDS_HistoryBron

Bronchoscopy pediatrics

Pathology Images Print Fax Orders

First name: Aga_pt96 Middle name: Last name: ALEXANDER MRN: 81750211 Birth date: 4/30/1952 Procedure date: Nov 25, 2014 02:46 PM

History

- Physical exam
- Indications
- Preprocedure
- Sedation
- Procedure
- Visualization
- Findings
- Events
- Assessment/Plan
- Letters/Instructions

Medications

Within the last 7 days, has the patient taken 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="text"/>
<input type="checkbox"/> Coumadin	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>
<input type="checkbox"/> heparin	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>
<input type="checkbox"/> LMWH	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>
<input type="checkbox"/> clopidogrel	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>
<input type="checkbox"/> other	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>

Other anti-coagulant or anti-platelet medications

Anticoagulation plan

Other medications

- inhaled steroids
- inhaled beta agonists
- inhaled anticholinergic
- oral corticosteroids
- other

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

Platelets INR

Other

History comments

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

Save Sign Print Preview Close

Recent labs/studies Yes No

Platelets INR

<= 50000
50000-100000
>100000

Recent labs/studies Yes No

Platelets INR

Other

< 1.5
1.5 - 2
> 2

Surgical History

Table: PEDS_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"/> Kasai procedure <input type="checkbox"/> Liver surgery <input type="checkbox"/> Pancreatic resection <input type="checkbox"/> Pancreatic surgery <input type="checkbox"/> Sphincteroplasty	<input type="checkbox"/> Anti-reflux surgery <input type="checkbox"/> Billroth I <input type="checkbox"/> Billroth II <input type="checkbox"/> Duodenostomy <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 Gastric bypass <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"/> Ladd's Procedure <input type="checkbox"/> Pyloroplasty <input type="checkbox"/> TE Fistula	<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
Cardiovascular		Organ Transplant
<input type="checkbox"/> Valve replacement		<input type="checkbox"/> Bone marrow <input type="checkbox"/> Heart <input type="checkbox"/> Kidney <input type="checkbox"/> Liver <input type="checkbox"/> Lung <input type="checkbox"/> Pancreas <input type="checkbox"/> Small Bowel
GI, Lower		Pulmonary
<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"/> Ileal anal pull-through <input type="checkbox"/> Terminal ileum resection <input type="checkbox"/> Appendectomy		<input type="checkbox"/> Lobectomy
		Other
		<input type="checkbox"/> Other surgical history ▶ <input type="checkbox"/> Tonsillectomy

Other: Other surgical history

Table: SurgHxOther

Other surgical history

|

Medical History

Table: PEDS_HxMedHx

Patient history > Medical history

Cardiovascular	Gastrointestinal	Infection
<input type="checkbox"/> Congestive heart failure (CHF) <input type="checkbox"/> Dysrhythmia <input type="checkbox"/> Deep vein thrombosis/PE <input type="checkbox"/> Hypertension (HTN) <input type="checkbox"/> Murmur <input type="checkbox"/> Peripheral vascular disease (PVD) <input type="checkbox"/> Rheumatic fever <input type="checkbox"/> Valvular heart disease	<input type="checkbox"/> Barrett's esophagus <input type="checkbox"/> Celiac disease <input type="checkbox"/> Chronical abdominal pain <input type="checkbox"/> Constipation <input type="checkbox"/> Crohn's disease <input type="checkbox"/> Diverticulitis <input type="checkbox"/> Dysphagia <input type="checkbox"/> Eosinophilic colitis <input type="checkbox"/> Eosinophilic esophagitis <input type="checkbox"/> Esophagitis <input type="checkbox"/> Failure to thrive <input type="checkbox"/> Food impaction <input type="checkbox"/> Gastric emptying syndrome <input type="checkbox"/> Gastritis <input type="checkbox"/> Gastroesophageal reflux disease (GERD) <input type="checkbox"/> GI Cancer <input type="checkbox"/> H. pylori <input type="checkbox"/> Indeterminate colitis <input type="checkbox"/> Inflammatory bowel disease (IBD) <input type="checkbox"/> Irritable bowel syndrome (IBS) <input type="checkbox"/> Obesity <input type="checkbox"/> Pancreatitis <input type="radio"/> chronic <input type="radio"/> acute <input type="checkbox"/> Polyps, adenomatous <input type="checkbox"/> Polyps, juvenile <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		Neuro/Musculoskeletal/Psychiatric
<input type="checkbox"/> Diabetes <input type="checkbox"/> Hyperlipidemia <input type="checkbox"/> Steroid use <input type="checkbox"/> Thyroid abnormality <input type="checkbox"/> Weight change > 10 lbs (recent)		<input type="checkbox"/> ADHD <input type="checkbox"/> Anxiety disorder <input type="checkbox"/> Arthritis <input type="checkbox"/> Autism <input type="checkbox"/> Back problems <input type="checkbox"/> Cerebral palsy <input type="checkbox"/> Depression <input type="checkbox"/> JRA <input type="checkbox"/> Neuromuscular disease <input type="checkbox"/> Seizure <input type="checkbox"/> Stroke / TIA <input type="checkbox"/> SLE <input type="checkbox"/> Syncope
Gynecological		Pulmonary
<input type="checkbox"/> Pregnancy		<input type="checkbox"/> Asthma <input type="checkbox"/> Bronchopulmonary dysplasia (BPD) <input type="checkbox"/> Cystic fibrosis <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
<input type="checkbox"/> Anemia <input type="checkbox"/> Chemotherapy <input type="checkbox"/> Hematological cancer ▶ <input type="checkbox"/> Hemophilia <input type="checkbox"/> Radiation therapy <input type="checkbox"/> Sickle cell disease/trait <input type="checkbox"/> Thrombocytopenia		<input type="checkbox"/> Continuous abdominal peritoneal dialysis (CAPD) <input type="checkbox"/> Hemodialysis <input type="checkbox"/> Renal failure <input type="checkbox"/> Urinary tract infection (recent)
Genitourinary	Liver/Biliary	Other
<input type="checkbox"/> Benign prostatic hypertrophy <input type="checkbox"/> Nephrolithiasis	<input type="checkbox"/> Cholelithiasis <input type="checkbox"/> Cholecystitis <input type="checkbox"/> Cirrhosis <input type="checkbox"/> Other hepatitis <input type="checkbox"/> Portal hypertension <input type="checkbox"/> Viral hepatitis <input type="checkbox"/> Hepatitis B <input type="checkbox"/> Hepatitis C	<input type="checkbox"/> Other medical history ▶

Hematological: Hematological cancer

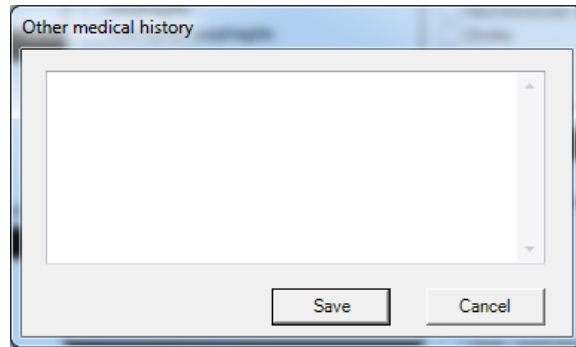
Table: HemeCaType

Hematological cancer

Please indicate type of hematological cancer

Other: Other medical history

Table: MedHxOther



The image shows a screenshot of a software window titled "Other medical history". The window has a light blue title bar and a white main area. At the bottom of the window, there are two buttons: "Save" and "Cancel". The main area is currently empty, suggesting a form for entering medical history data.

PHYSICAL EXAMINATION

Table: PEDS_PE

Pathology
Images
Print
Fax
Orders

First name
Middle name
Last name
MRN
Birth date
Procedure date

Aga_pt96

ALEXANDER
81750211
4/30/1952
Nov 25, 2014 02:46 PM

[History](#)

Physical exam

[Indications](#)

[Preprocedure](#)

[Sedation](#)

[Procedure](#)

[Visualization](#)

[Findings](#)

[Events](#)

[Assessment/Plan](#)

[Letters/Instructions](#)

Save

Sign

Print Preview

Close

Physical exam performed |

Measurements

Height/length in
Units

Weight lbs

 English
 Metric

BMI

BMI Percentile

BMI Category

Physical exam(s)

Entire PE WNL

Abdominal Exam Normal Abnormal Not performed

Airway Exam Normal Abnormal Not performed

Cardio-pulmonary Exam Normal Abnormal Not performed

Extremity Exam Normal Abnormal Not performed

HEENT Exam Normal Abnormal Not performed

Mental status Exam Normal Abnormal Not performed

Neurological Exam Normal Abnormal Not performed

Rectal Exam Normal Abnormal 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: BRONpInd

Pathology
Images
Print
Fax
Orders

First name
Middle name
Last name
MRN
Birth date
Procedure date

Aga_pt96

ALEXANDER
81750211
4/30/1952
Nov 25, 2014 02:46 PM

History

Physical exam

Indications

Preprocedure

Sedation

Procedure

Visualization

Findings

Events

Assessment/Plan

Letters/Instructions

Save

Sign

Print Preview

Close

Evaluation of symptoms

Dyspnea

Wheezing ▶

Cough

Hemoptysis

Hoarseness

Fever

Purulent phlegm

Stridor

Weight loss

Chest pain

Platypnea

Other symptoms ▶

Evaluation of Chest XRay Abnormality

Solitary pulmonary nodule (<= 3 cm on short axis) ▶

Mass (> 3 cm on short axis) ▶

Multiple peripheral nodules/masses ▶

Infiltrate ▶

Abscess

Local hyperlucency

Diaphragm paralysis

Poorly resolved pneumonia

Mediastinal lymph nodes

Hilar lymph nodes

Other Chest XRay abnormality ▶

Atelectasis

Pleural effusion

right
 left
 bilateral

Abnormal sputum culture

Abnormal sputum culture detail ▶

Prior non-diagnostic procedure

Prior non-diagnostic procedure ▶

Evaluation of known finding/condition

Extent of respiratory tract injury ▶

Infection in immunocompromised host ▶

Endotracheal tube problems ▶

Assessment for laser therapy

Evaluation of transplant

Surveillance of known disease/condition

Disease or condition

Lung transplant

Lung cancer

Other known disease/condition ▶

Last surveillance exam

Month Year

Estimated

Evaluation of suspected disease/condition

bronchogenic carcinoma

TB ▶

bronchial tear

tracheoesophageal fissure

Therapeutic intervention

Stent placement

Removal of retained secretions

Laser resection

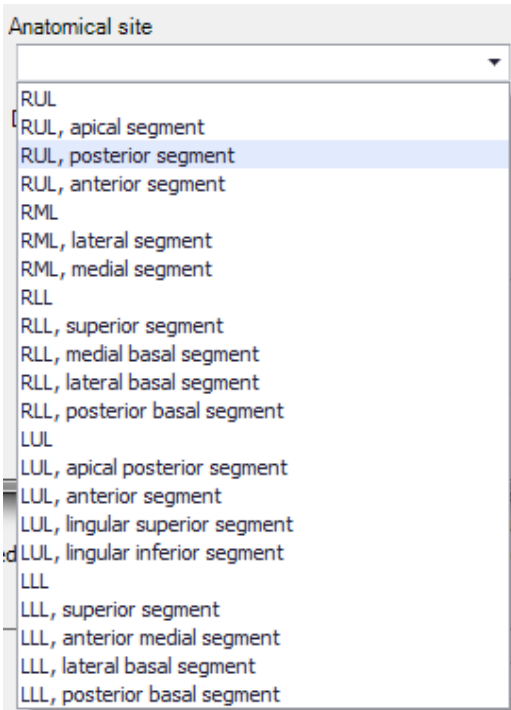
Foreign body removal

Intubation

Other therapeutic intervention ▶

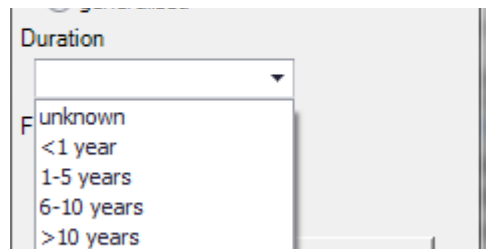
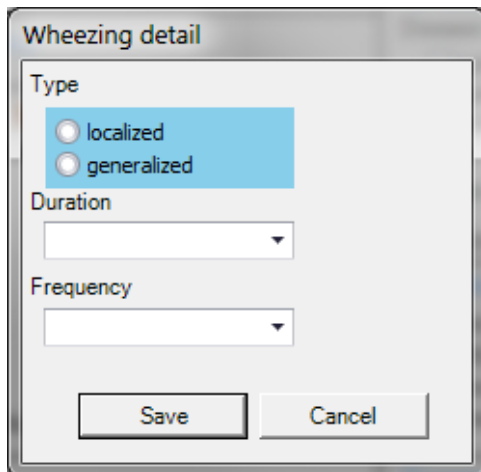
Primary Indication

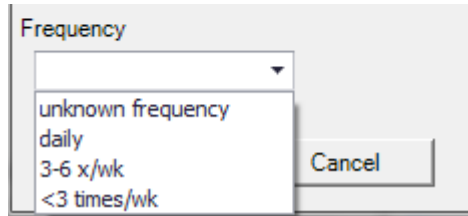
Menu used in more than one detail screen: Anatomical site



Evaluation of symptoms: Wheezing

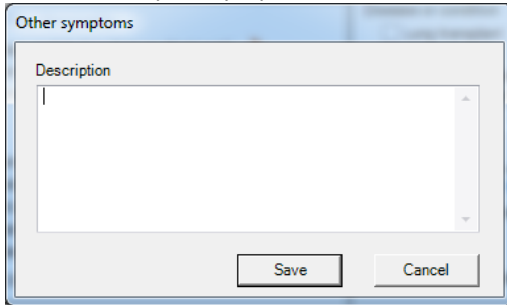
Table: Wheezing





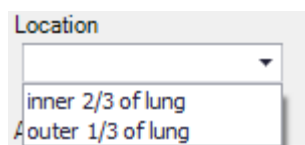
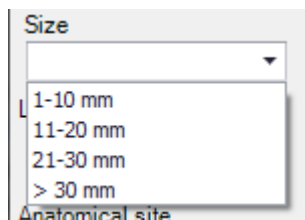
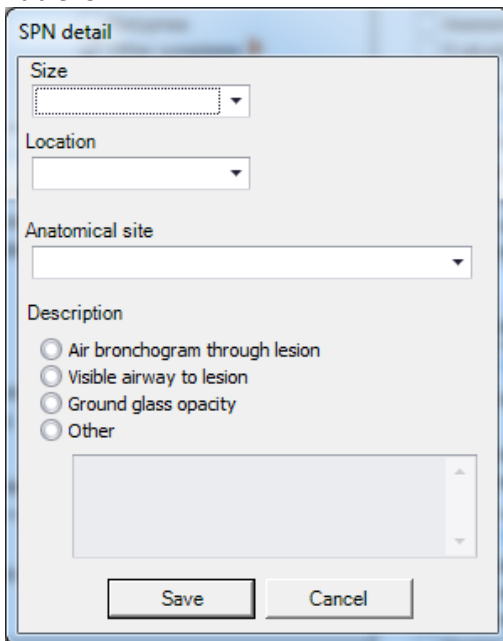
Evaluation of symptoms: Other symptoms

Table: BRONpIndSymptomsOther



Evaluation of Chest Xray Abnormality: Solitary pulmonary nodule (<= 3 cm on short axis)

Table: SNP



Evaluation of Chest Xray Abnormality: Mass (>3 cm on short axis)

Table: Mass

Mass detail

Size on the short axis
[Dropdown menu]

Location
[Dropdown menu]

Anatomical site
[Dropdown menu]

Description

- Air bronchogram through lesion
- Visible airway to lesion
- Atelectasis beyond lesion
- Involves hilum
- Involves mediastinal structures
- Involves vascular structure
- Endobronchial lesion
- Other

[Text area]

Save Cancel

Size on the short axis

[Dropdown menu]

- 31-40 mm
- 41-50 mm
- > 50 mm

Location

[Dropdown menu]

- inner 2/3 of lung
- outer 1/3 of lung

[Dropdown menu]

Evaluation of Chest Xray Abnormality: Multiple peripheral nodules / masses

Table: MultiNodules

Multiple peripheral nodules/masses detail

Total number of multiple peripheral nodules/masses: [dropdown]

Smallest of the multiple peripheral nodules/masses identified

Size: [dropdown]

Anatomical site: [dropdown]

Location: [dropdown]

Largest of the multiple peripheral nodules/masses identified

Size: [dropdown]

Anatomical site: [dropdown]

Location: [dropdown]

Save Cancel

Total number of multiple peripheral nodules/masses

- >5
- 2
- 3
- 4
- 5

Size

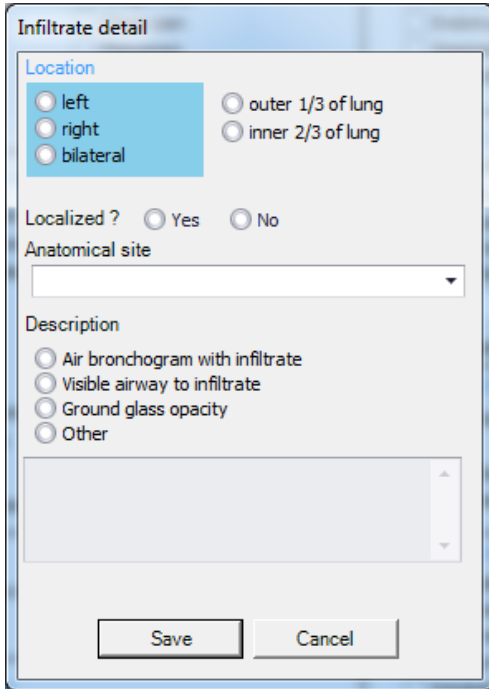
- 1-10 mm
- 11-20 mm
- 21-30 mm
- 31-40 mm
- 41-50 mm
- > 50 mm

Location

- inner 2/3 of lung
- outer 1/3 of lung

Evaluation of Chest Xray Abnormality: Infiltrate

Table: Infiltrate

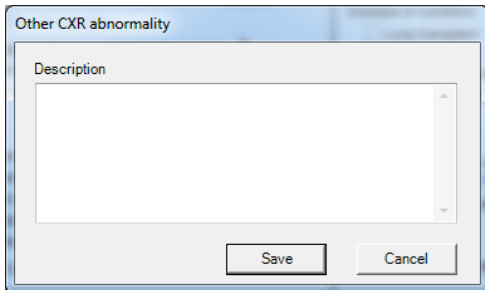


The 'Infiltrate detail' dialog box contains the following fields and options:

- Location:** Radio buttons for 'left' (selected), 'right', 'bilateral', 'outer 1/3 of lung', and 'inner 2/3 of lung'.
- Localized ?** Radio buttons for 'Yes' and 'No'.
- Anatomical site:** A dropdown menu.
- Description:** Radio buttons for 'Air bronchogram with infiltrate', 'Visible airway to infiltrate', 'Ground glass opacity', and 'Other'.
- A text input field for additional description.
- Buttons:** 'Save' and 'Cancel'.

Evaluation of Chest Xray Abnormality: Other Chest Xray abnormality

Table: CXROther

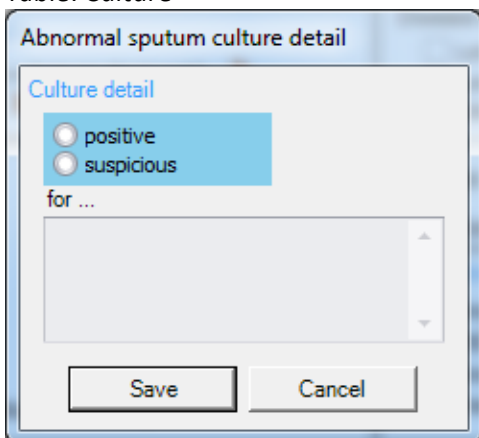


The 'Other CXR abnormality' dialog box contains the following fields and options:

- Description:** A large text input field.
- Buttons:** 'Save' and 'Cancel'.

Abnormal sputum culture

Table: Culture



The 'Abnormal sputum culture detail' dialog box contains the following fields and options:

- Culture detail:** Radio buttons for 'positive' (selected) and 'suspicious'.
- for ...** A text input field.
- Buttons:** 'Save' and 'Cancel'.

Prior non-diagnostic procedure

Table: PriorNDProc

The dialog box is titled "Details of prior non-diagnostic procedure". It features a section labeled "Previous procedure type" with the following options: Bronchoscopy, Radiologically-guided transthoracic fine needle aspiration, Mediastinoscopy, Video assistance or open surgical biopsy, and Other. Below these options is a large empty text area. At the bottom, there are "Save" and "Cancel" buttons.

Evaluation of known disease / condition: Extent of respiratory tract injury

Table: RTInjury (No data available)

The dialog box is titled "Detail of respiratory tract injury". It has an "Etiology" section with Noxious fume injury, Gastric aspiration, and Burn. Below this is a "Date of injury" section with dropdown menus for Day, Month, and Year, and an Estimated checkbox. "Save" and "Cancel" buttons are at the bottom.

Evaluation of known disease / condition: Infection in immunocompromised host

Table: ImmunoComp

The dialog box is titled "Detail of infection in immunocompromised host". It features a section labeled "Reason for immunocompromised status" with radio button options: AIDS, Lung transplant, and Other. A large empty text area is to the right of these options. "Save" and "Cancel" buttons are at the bottom.

Evaluation of known disease / condition: Endotracheal tube problems

Table: Endotracheal

The screenshot shows a dialog box titled "ET tube problem detail". It contains a section labeled "Reason for immunocompromised status" with four radio button options: "Airway abstruction", "Intubation or right main bronc", "Tracheal damage", and "Other". The "Airway abstruction" option is selected. Below the radio buttons is a large empty text area. At the bottom of the dialog are "Save" and "Cancel" buttons.

Surveillance of known disease / condition: Other known disease/condition

Table: SurvOther

The screenshot shows a dialog box titled "Other known disease/condition". It features a large text area labeled "Description" for entering details. At the bottom of the dialog are "Save" and "Cancel" buttons.

Evaluation of suspected disease/condition: TB

Table: TB

The screenshot shows a dialog box titled "TB detail". It contains three checkbox options: "Tuberculin skin test positive", "TB blood test positive", and "Chest XRay positive". The "Tuberculin skin test positive" option is selected. Below the checkboxes are "Save" and "Cancel" buttons.

Therapeutic intervention: Other therapeutic intervention

Table: IntervenOther

The screenshot shows a dialog box titled "Other therapeutic intervention". It features a large text area labeled "Description" for entering details. At the bottom of the dialog are "Save" and "Cancel" buttons.

PREPROCEDURE

Table: BRONpPreProc

Procedure Personnel grid: BRONpPreProc_Procedure_personnel_grid

Antibiotics grid: BRONpPreProc_Antibiotics_grid (no data)

The screenshot shows the 'Bronchoscopy pediatrics' software window. The patient information at the top includes: First name: Aga_pt96, Middle name: (blank), Last name: ALEXANDER, MRN: 81750211, Birth date: 4/30/1952, Procedure date: Nov 25, 2014 02:46 PM. The 'Procedure consent' section has 'Was a consent obtained?' set to 'Yes'. The 'Patient Admission Status' section has 'Outpatient' selected. The 'Procedure personnel' grid is currently empty. The 'Antibiotics' section is empty. The 'Indication for preprocedure antibiotics' section has several checkboxes, with 'EUS-FNA of cystic lesion planned' checked. The 'Preprocedure comments' section contains a warning: 'Please do not use this field if you can document the information using other fields on the screen'.

Procedure performed by: Menu customized by site

Responsible endoscopist: Menu customized by site

This close-up shows the 'Procedure consent' section. The 'Was a consent obtained?' radio buttons are set to 'Yes'. The 'Person consenting' dropdown is empty. The 'Consent obtained by' dropdown menu is open, showing the following options: Patient, Family Member, and Guardian.

Procedure consent

Was a consent obtained? Yes No

Person consenting

Consent obtained by

Time-out performed by

Patient Admission Status

Outpatient

Inpatient

ED

Physician
Bronchoscopist
Pulmonary assistant
PA
Staff nurse

Patient Admission Status

Outpatient

Inpatient

ED

Bronchoscopy performed in

Did the patient consent to be contacted for research purposes?

Hospital bronchoscopy suite
Ambulatory surgery center
Office
OR
Radiology suite

Patient performance status (ECOG/WHO/Zubrod)

Did the patient consent to be contacted for research purposes?

Consented
Did not consent
Not asked for consent

Patient performance status (ECOG/WHO/Zubrod)

Did the patient consent to be contacted for research purposes?

Patient performance status (ECOG/WHO/Zubrod)

0 - normal activity, asymptomatic
1 - symptoms but fully ambulatory
2 - symptoms but in bed < 50% of the time
3 - symptoms but in bed > 50% but < 100% of the time
4 - bedridden
5 - moribund

Procedure personnel Add staff

Role	Name
Bronchoscopist - Atter	<input type="text"/>
Bronchoscopist - Attending physician	
Bronchoscopist - Fellow	
Endoscopist - Attending physician	
Endoscopist - Fellow	
Nurse	
Nurse anesthetist	
Nurse assistant	
Nurse practitioner	

Procedure personnel Add staff

Role	Name
Bronchoscopist - F...	
Nurse	

Procedure performed by

Responsible Bronchoscopist

Level of supervision

Attending present for the entire procedure
 Attending present for part of the procedure
 Attending available to assist

Antibiotics Add med

Medication	Dose	Route
amoxicillin		

amoxicillin
 ampicillin
 cefazolin
 Other cephalixin
 ciprofloxacin
 clindamycin
 gentamicin
 levofloxacin
 metronidazole
 moxifloxacin
 Cardiac ofloxacin
 streptomycin
 Cirrh trimethoprim/sulfamethoxazole
 vancomycin

History of endocarditis
 PEG placement
 Prosthetic cardiac valve

Antibiotics Add med

Medication	Dose	Route
amoxicillin		

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

Other preprocedure antibiotic

(Dose menu is specific to the medication selected)

Antibiotics Add med

Medication	Dose	Route
amoxicillin		

Aerosol
 IM
 IV
 PO
 PR
 SC
 SL
 Topical

Other preprocedure antibiotic

Indication for preprocedure antibiotics

SEDATION

Table: BRONpSedation

Sedation medications grid: BRONpSedation_Sedation_medications_grid

Bronchoscopy pediatrics

Pathology Images Print Fax Orders

First name: Aga_pt96 Middle name: Last name: ALEXANDER MRN: 81750211 Birth date: 4/30/1952 Procedure date: Nov 25, 2014 02:46 PM

Use Defaults

Pre-sedation assessment

ASA classification: [dropdown]

Urgency: Emergency Urgent Elective

Assessed by: [dropdown]

Monitoring

Blood pressure
 ECG
 Pulse oximetry
 Capnography
 Other monitoring

Supplemental oxygen at baseline
 Oxygen flow (liters): [dropdown]
 Delivery method: [dropdown]

Intubation / Ventilation

Patient intubated
 Ventilation used
 Method of ventilation: [dropdown]

Sedation / Anesthesia

Local anesthetic used
 Residual sedation from prior procedure present

Level of sedation: [dropdown]
 Managed by: [dropdown]
 Supervised by: [dropdown]

Sedation medications Add med

Medication	Dose	Route

Reassessment performed

Sedation / Anesthesia 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

Pre-sedation assessment

ASA classification: [dropdown]

Urgency: [dropdown]

Assessed by: [dropdown]

Pre-sedation assessment

ASA classification

Urgency Emergency
 Urgent
 Elective

Assessed by

Monitoring

Blood pressure
 ECG
 Pulse oximetry
 Capnography
 Other monitoring

Supplemental oxygen

Oxygen flow (liters)

Delivery method

Intubation / Ventilation

Patient intubated
 Ventilation used
Method of ventilation

(Dropdown menu for Assessed by and Delivery method):
Anesthesiologist
Assistant
Bronchoscopist (Attending physician)
Bronchoscopist (Fellow)
Bronchoscopist (Nurse Practitioner)
Bronchoscopist (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

Supplemental oxygen at baseline

Oxygen flow (liters)

Delivery method

Intubation / Ventilation

Patient intubated
 Ventilation used
Method of ventilation

(Dropdown menu for Delivery method):
Blow by
Endotracheal tube
Face mask
Nasal prongs
Ventilation through rigid bronchoscope

Intubation / Ventilation

Patient intubated
 Ventilation used
Method of ventilation

(Dropdown menu for Method of ventilation):
Volume cycled, pressure control or pressure support
High frequency jet ventilation
Low frequency jet ventilation

Sedation / Anesthesia

Local anesthetic used
 Residual sedation from prior procedure present

Level of sedation

Managed by

Supervised by

(Dropdown menu for Level of sedation):
No sedation
Anxiolytic sedation
Moderate (conscious sedation)
Deep sedation
General anesthesia

Sedation medications		Add med	
Medication	Dose	Route	
atropine			
<ul style="list-style-type: none"> atropine benzocaine spray Cetacaine diazepam <input type="checkbox"/> Rea diphenhydramine droperidol fentanyl flumazenil glucagon glycopyrolate ketamine lidocaine mepidine methohexital sodium 0.2% methohexital sodium 1% methohexital sodium 5% midazolam morphine nalbuphine naloxone ondansetron promethazine propofol Tetracaine thiopental sodium 			
Sedation / Anesthesia comments		document the information	
Please do not use this field if you can document the info using other fields on the screen			
Save as Default			

Sedation medications		Add med	
Medication	Dose	Route	
atropine			
		<ul style="list-style-type: none"> 0.5 mg 1 mg 1.5 mg 2 mg 	

(Dose menu is specific to the medication selected)

Sedation medications		Add med	
Medication	Dose	Route	
atropine			
		<ul style="list-style-type: none"> Aerosol IM IV PO PR SC SL Topical 	
<input type="checkbox"/> Reassessment performed			
Sedation / Anesthesia comments			
Please do not use this field if you can document the info using other fields on the screen			

PROCEDURE

Table: BRONpProc

Instruments grid: BRONpProc_Instruments_grid

The screenshot shows the 'Bronchoscopy Pediatrics' software interface. At the top, there are tabs for Pathology, Images, Print, Fax, and Orders. Below these are fields for patient information: First name (Aga_pt96), Middle name, Last name (ALEXANDER), MRN (81750211), Birth date (4/30/1952), and Procedure date (Nov 25, 2014 02:46 PM). A 'Use Defaults' button is present.

The main area is divided into several sections:

- Procedure performed:** A list of checkboxes for 'Bronchoscopy', 'Bronchoscopy-directed endotracheal intubation', 'Percutaneous dilational tracheotomy', and 'Other procedure'.
- Procedure details:** Radio buttons for 'Were images taken?', 'Was fluoroscopy used?', 'Was autofluorescence used?', and 'Was narrow band imaging used?'. There are also input fields for 'Fluoroscopy time (sec)', 'Patient tolerance', and 'Estimated blood loss (ml)'.
- Reason(s) procedure was incomplete:** Checkboxes for 'Inability to intubate', 'Patient unstable', 'Obstruction', 'Stricture', 'Patient discomfort', and 'Other reason'.
- Route of passage:** Radio buttons for 'right nasal', 'left nasal', 'oral', 'laryngeal mask airway (LMA)', 'tracheostomy', and 'endotracheal / nasotracheal tube'. There are also checkboxes for 'previously placed'.
- Instruments:** A table with columns for 'Instrument', 'Serial Number', and 'Flexibility'. An 'Add instrument' button is located above the table.
- Procedure times:** Input fields for 'Total procedure time' and 'Scope insertion to scope removal time', both in minutes and seconds.
- Patient recovery location:** Dropdown menus for 'After procedure patient sent' and 'After recovery patient sent'.
- Procedure comments:** A text area with a warning: 'Please do not use this field if you can document the information using other fields on the screen'.

At the bottom, there are buttons for 'Save', 'Sign', 'Print Preview', 'Close', and 'Save as Default'.

Instruments grid: Instrument, Serial Number and Flexibility customized by site.

This block contains two close-up screenshots of dropdown menus from the software interface:

The first screenshot shows the 'Patient tolerance' dropdown menu with options: excellent, good, fair, and poor. Below it, the 'Estimated blood loss (ml)' dropdown menu is also shown with the same four options.

The second screenshot shows the 'Patient recovery location' dropdown menu with options: home, to ICU, to NICU, to PICU, to hospital, remain in endoscopy suite, to recovery, and remain in bronchoscopy suite.

Patient recovery location

After procedure patient sent

After recovery patient sent

Procedure comments
Please do not use this field if you can use the other fields on the screen.

in to hospital
back to hospital
home

Procedure performed: Bronchoscopy:

Table: BRONpBronchoscopyCPT

Bronchoscopy with...

- Bronchial alveolar lavage (BAL)
- Biopsy(s)
- Brushing(s)
- Transbronchial lung biopsy
- Transbronchial lung biopsy, additional lobe
- Transbronchial needle aspiration biopsy
- Transbronchial needle aspiration biopsy, additional lobe
- Foreign body removal
- Tracheal stent placement
- Bronchial stent placement
- Bronchial stent placement, additional bronchus
- Revision of stent previously placed
- Excision of tumor
- Laser therapy
- Cryotherapy

Save Cancel

Procedure performed: Other procedure performed

Table: BRONpProcOther

Other procedure performed

Description

Save Cancel

Clock times

Table: ClockTimes

A dialog box titled "Scope insertion and removal time" with a light blue header. It contains four time selection fields, each with a "--:--:-- AM" format and up/down arrow controls. The fields are: "Time of induction", "Time of scope insertion", "Time of scope removal", and "Time patient was moved from the procedure room after the bronchoscopy". At the bottom, there are "Save" and "Cancel" buttons.

Reason(s) procedure was incomplete: Other reason

Table: BRONpProclncompleteOther

A dialog box titled "Other reason for incomplete procedure" with a light blue header. It features a large, empty text area with a vertical scrollbar on the right side. At the bottom, there are "Save" and "Cancel" buttons.

VISUALIZATION

Table: BRONpVisualization

Pathology
Images
Print
Fax
Orders

First name	Middle name	Last name	MRN	Birth date	Procedure date
Aga_pt96		ALEXANDER	81750211	4/30/1952	Nov 25, 2014 02:46 PM

Visualization above the carina

Vocal cords seen not seen normal

Trachea seen not seen normal

Main carina seen not seen normal

Visualization below the carina

Right upper lobe normal

not visualized

visualized

visualized to segment

visualized to sub-segment

visualized to sub-sub-segment

Left upper lobe normal

not visualized

visualized

visualized to segment

visualized to sub-segment

visualized to sub-sub-segment

Right middle lobe normal

not visualized

visualized

visualized to segment

visualized to sub-segment

visualized to sub-sub-segment

Left lower lobe normal

not visualized

visualized

visualized to segment

visualized to sub-segment

visualized to sub-sub-segment

Right lower lobe normal

not visualized

visualized

visualized to segment

visualized to sub-segment

visualized to sub-sub-segment

Save

Sign

Print Preview

Close

FINDINGS

Table: BRONpFind

Pathology Images Print Fax Orders

First name Middle name Last name MRN Birth date Procedure date

Aga_pt96 ALEXANDER 81750211 4/30/1952 Nov 25, 2014 02:46 PM

Bronchoscopy Findings

Import Images

Normal findings

Entire bronchial tree normal.

Findings Instructions:

- Add a Finding:** left click the diagram, or left click and drag to shade a region
- Delete a Finding:** right click on the finding label
- View/Edit Details:** double click on the finding label
- Move a Label:** left click and drag the finding label

Save Sign Print Preview Close

Finding Menu

Finding

- Abnormal anatomy
- Blood
- Bronchomalacia
- Diagnostic test
- Endobronchial mass
- Endobronchial stenosis
- Extrinsic compression
- Foreign body
- Image taken
- Mucosal abnormality
- Mucous plug
- Normal finding
- Other finding
- Prior surgery
- Purulent secretions
- Tear/perforation
- Therapeutic procedure
- Tracheoesophageal fistula
- Tracheomalacia

OK Cancel

Anatomical locations used in all Location menus:

- Larynx
- Vocal cords
- Trachea
- Carina
- Right main bronchus
- RUL bronchus
 - RUL, apical segment RB1
 - RUL, posterior segment RB2
 - RUL, anterior segment RB3
- Bronchus intermedius
- RML bronchus
 - RML, lateral segment RB4
 - RML, medial segment RB5
- RLL bronchus
 - RLL, superior segment RB6
 - RLL, medial basal segment RB7
 - RLL, anterior segment RB8
 - RLL, lateral basal segment RB9
 - RLL, posterior segment RB10
- Left main bronchus
- LUL bronchus
 - LUL upper division bronchus
 - LUL, apicoposterior segment LB1/2
 - LUL, anterior segment LB3
 - LUL lower division (lingular) bronchus
 - LUL, superior lingular segment LB4
 - LUL, inferior lingular segment LB5
- LLL bronchus
 - LLL, superior segment LB6
 - LLL, anteromedial segment LB7/8
 - LLL, lateral basal segment LB9
 - LLL, posterior basal segment LB10
- LUL upper division bronchus

Abnormal anatomy

Table: BRONpAbnormalAnatomy

Abnormal anatomy	
Description	<input type="text"/>
Diagnosis	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Blood

Table: BRONpBlood

Blood	
Location <input type="text" value="Trachea"/>	Diagnosis <input type="text"/>
Description <input type="checkbox"/> active bleeding (nonclotted) <input type="checkbox"/> fresh dot <input type="checkbox"/> old dot	<input type="checkbox"/> Image(s) taken
Therapeutic procedure(s) <input type="checkbox"/> APC ▶ <input type="checkbox"/> Manual debridement ▶ <input type="checkbox"/> Balloon dilation ▶ <input type="checkbox"/> Stent ▶ <input type="checkbox"/> Cryotherapy ▶ <input type="checkbox"/> Stent removal ▶ <input type="checkbox"/> Electrocautery ▶ <input type="checkbox"/> Other therapy ▶ <input type="checkbox"/> Laser ▶	Comments <input type="text"/>
Diagnostics <input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken <input type="text"/>	
<input type="checkbox"/> Endobronchial brushing taken	
<input type="checkbox"/> Endobronchial needle aspiration Number of passes <input type="text"/>	
Needle gauge used <input type="text"/>	
<input type="checkbox"/> Mucosa sprayed for hemostasis with <input type="text"/>	
<input type="checkbox"/> Wash volume of saline used <input type="radio"/> ≤ 20 ml <input type="radio"/> > 20 ml	
Sent to pathology <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Bronchomalacia

Table: BRONpBronchomalacia

Bronchomalacia	
Location: <input type="text" value="Trachea"/>	Diagnosis: <input type="text"/>
Description Severity of obstruction: <input type="text"/> Lumen diameter (mm): <input type="text"/>	
Therapeutic procedure(s) <input type="checkbox"/> APC <input type="checkbox"/> Manual debridement <input type="checkbox"/> Balloon dilation <input type="checkbox"/> Stent <input type="checkbox"/> Cryotherapy <input type="checkbox"/> Stent removal <input type="checkbox"/> Electrocautery <input type="checkbox"/> Other therapy <input type="checkbox"/> Laser	
Diagnostics <input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken: <input type="text"/> <input type="checkbox"/> Endobronchial brushing taken <input type="checkbox"/> Endobronchial needle aspiration Number of passes: <input type="text"/> Needle gauge used: <input type="text"/> <input type="checkbox"/> Mucosa sprayed for hemostasis with: <input type="text"/> <input type="checkbox"/> Wash volume of saline used: <input type="radio"/> <= 20 ml <input type="radio"/> > 20 ml Sent to pathology: <input type="radio"/> Yes <input type="radio"/> No Enter pathology ID: <input type="text"/> <input type="button" value="Add"/> Current pathology IDs: <input type="text"/>	
<input type="checkbox"/> Image(s) taken Comments: <input type="text"/>	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Description	
Severity of obstruction	<input type="text"/>
Lumen diameter (mm)	<input type="text" value="partial"/> <input type="text" value="almost complete"/> <input type="text" value="complete"/>
Therapeutic procedure(s)	

Diagnostic test

Table: BRONpDiagnosticTest

Diagnostic test

Bronchoalveolar lavage
volume instilled (ml) [spinners]
volume returned (ml) [spinners]

Transbronchial biopsy ▶
 Transbronchial brushing ▶
 Transbronchial needle aspiration ▶

Save Cancel

Diagnostic test: Transbronchial biopsy

Table: BRONpTbBiopsy

Transbronchial biopsy

Anatomical location of biopsy [dropdown]

Localization of lesion by

single plane fluoroscopy
 biplane fluoroscopy
 CT fluoroscopy
 electromagnetic navigation
 peripheral EBUS
 unguided
 other

Total # biopsies taken [text field]

Save Cancel

Diagnostic test: Transbronchial brushing

Table: BRONpTbBrushing

Transbronchial brushing

Anatomical location of brushing [dropdown]

Specimen type sent to pathology

direct smear
 cytologically preserved (whole brush)

Save Cancel

Diagnostic test: Transbronchial needle aspiration
 Table: BRONpTbNeedle (No data available)

Transbronchial needle aspiration detail

Anatomical location of biopsy:

Localization of lesion by

- single plane fluoroscopy
- biplane fluoroscopy
- CT fluoroscopy
- electromagnetic navigation
- EBUS

convex (linear) radial

unguided

other

Number of passes:

Needle gauge used:

On-site cytology performed: Yes No

Specimen type sent to patholog

- direct smear
- cytologically preserved

Characteristics of lymph node, SPN or mass sampled

size on short axis (mm):

size based on CT scan:

metabolic activity of lymph node based on PET scan:

Save Cancel

size based on CT scan

metabolic activity of lymph node based on PET scan

- 1-10 mm
- 11-20 mm
- 21-30 mm
- >30 mm

Characteristics of lymph node, SPN or mass sampled

size on short axis (mm):

size based on CT scan:

metabolic activity of lymph node based on PET scan

- metabolically active (SUV >= 2.5)
- metabolically not active
- not performed

Save Cancel

Endobronchial mass

Table: BRONpEbMass

Endobronchial mass

Location:

Description

Type

benign established
 malignant suspected

Appearance

circumferential
 fungating
 mucosal
 submucosal

Length (cm)

Obstruction

Therapeutic procedure(s)

APC Manual debridement
 Balloon dilation Stent
 Cryotherapy Stent removal
 Electrocautery Other therapy
 Laser

Diagnosis

Image(s) taken

Diagnostics

Endobronchial forceps biopsy taken
Total # of biopsies taken

Endobronchial brushing taken
 Endobronchial needle aspiration
Number of passes
Needle gauge used

Mucosa sprayed for hemostasis
with

Wash volume of saline used <= 20 ml
 > 20 ml

Sent to pathology Yes No

Enter pathology ID

Current pathology IDs

Comments

Description

Type

benign established
 malignant suspected

Appearance

circumferential
 fungating
 mucosal
 submucosal

Length (cm)

Obstruction

Therapeutic procedure(s)

APC Manual debridement
 Balloon dilation Stent
 Cryotherapy Stent removal
 Electrocautery Other therapy
 Laser

0 - 25%
26 - 50%
51 - 75%
76 - 100%

Endobronchial stenosis

Table: BRONpEbStenosis

Endobronchial stenosis

Location

Description

Severity of obstruction

Lumen diameter (mm)

Etiology suspected malignancy
 extrinsic compression
 prior endotracheal tube
 other benign etiology

Therapeutic procedure(s)

APC Manual debridement
 Balloon dilation Stent
 Cryotherapy Stent removal
 Electrocautery Other therapy
 Laser

Diagnosis

Image(s) taken

Diagnostics

Endobronchial forceps biopsy taken
Total # of biopsies taken

Endobronchial brushing taken
 Endobronchial needle aspiration
Number of passes
Needle gauge used

Mucosa sprayed for hemostasis
with

Wash volume of saline used <= 20 ml
 > 20 ml

Sent to pathology Yes No
Enter pathology ID

Current pathology IDs

Comments

Description

Severity of obstruction

Lumen diameter (mm)

Etiology suspected malignancy
 extrinsic compression
 prior endotracheal tube
 other benign etiology

Extrinsic compression

Table: BRONpExtCompression

Extrinsic compression	
Location: <input type="text" value="Trachea"/>	<input type="checkbox"/> Image(s) taken
Description: <input type="text"/>	
Therapeutic procedure(s)	Diagnosis: <input type="text"/>
<input type="checkbox"/> APC <input type="checkbox"/> Manual debridement	Comments: <input type="text"/>
<input type="checkbox"/> Balloon dilation <input type="checkbox"/> Stent	
<input type="checkbox"/> Cryotherapy <input type="checkbox"/> Stent removal	
<input type="checkbox"/> Electrocautery <input type="checkbox"/> Other therapy	
<input type="checkbox"/> Laser	
Diagnostics	
<input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken: <input type="text"/>	
<input type="checkbox"/> Endobronchial brushing taken	
<input type="checkbox"/> Endobronchial needle aspiration Number of passes: <input type="text"/> Needle gauge used: <input type="text"/>	
<input type="checkbox"/> Mucosa sprayed for hemostasis: with <input type="text"/>	
<input type="checkbox"/> Wash volume of saline used: <input type="radio"/> <= 20 ml <input type="radio"/> > 20 ml	
Sent to pathology: <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID: <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs: <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Foreign body

Table: BRONpForeignBody

Foreign body	
Location: <input type="text" value="Trachea"/>	<input type="checkbox"/> Image(s) taken
Description: <input type="text"/>	
Treatment results	Diagnosis: <input type="text"/>
<input type="radio"/> Removed <input type="radio"/> Not removed	Comments: <input type="text"/>
using	
<input type="checkbox"/> basket	
<input type="checkbox"/> forceps	
<input type="checkbox"/> suction	
Diagnostics	
<input type="checkbox"/> Culture taken	
Sent to pathology: <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID: <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs: <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Image taken

Table: BRONpImgTaken

Image taken

Location:

Image(s) taken

Comments

Mucosal abnormality

Table: BRONpMucosalAbnormality

Mucosal abnormality

Location:

Diagnosis:

Image(s) taken

Comments

erythema
 submucosal edema
 erosion
 cobblestone mucosa
 other ▶

Autofluorescence used to visualize mucosa

Therapeutic procedure(s)

APC ▶ Manual debridement ▶
 Balloon dilation ▶ Stent ▶
 Cryotherapy ▶ Stent removal ▶
 Electrocautery ▶ Other therapy ▶
 Laser ▶

Diagnostics

Endobronchial forceps biopsy taken
Total # of biopsies taken:

Endobronchial brushing taken

Endobronchial needle aspiration
Number of passes:

Needle gauge used:

Mucosa sprayed for hemostasis
with:

Wash volume of saline used: ≤ 20 ml > 20 ml

Sent to pathology: Yes No

Enter pathology ID:

Current pathology IDs:

Description: Other

Table: MucosalAbnDescOther

The screenshot shows a form titled "Other" with a "Description" text area and "Save" and "Cancel" buttons at the bottom.

Mucous plug

Table: BRONpMucousPlug

The screenshot shows a form titled "Mucous plug" with the following fields: "Location" (dropdown menu showing "Larynx"), "Description" (text area), "Treatment outcome" (dropdown menu), a checkbox for "Image(s) taken", "Diagnosis" (text field), and "Comments" (text area). "Save" and "Cancel" buttons are at the bottom.

The close-up shows the "Treatment outcome" dropdown menu with two options: "successful" and "unsuccessful". A checkbox for "Image(s) taken" is visible below the dropdown.

Normal finding

Table: BRONpNormalFinding

Normal finding	
Location <input type="text" value="Larynx"/>	<input type="checkbox"/> Image(s) taken
Therapeutic procedure(s)	Comments <input type="text"/>
<input type="checkbox"/> APC ▶ <input type="checkbox"/> Manual debridement ▶ <input type="checkbox"/> Balloon dilation ▶ <input type="checkbox"/> Stent ▶ <input type="checkbox"/> Cryotherapy ▶ <input type="checkbox"/> Stent removal ▶ <input type="checkbox"/> Electrocautery ▶ <input type="checkbox"/> Other therapy ▶ <input type="checkbox"/> Laser ▶	
Diagnostics	
<input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken <input type="text"/>	
<input type="checkbox"/> Endobronchial brushing taken	
<input type="checkbox"/> Endobronchial needle aspiration Number of passes <input type="text"/> Needle gauge used <input type="text"/>	
<input type="checkbox"/> Mucosa sprayed for hemostasis with <input type="text"/>	
<input type="checkbox"/> Wash volume of saline used <input type="radio"/> ≤ 20 ml <input type="radio"/> > 20 ml	
Sent to pathology <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Other finding

Table: BRONpOtherFinding

Other finding	
Location: <input type="text" value="Larynx"/>	<input type="checkbox"/> Image(s) taken
Description: <input type="text"/>	
Therapeutic procedure(s)	Diagnosis: <input type="text"/>
<input type="checkbox"/> APC ▶	<input type="checkbox"/> Manual debridement ▶
<input type="checkbox"/> Balloon dilation ▶	<input type="checkbox"/> Stent ▶
<input type="checkbox"/> Cryotherapy ▶	<input type="checkbox"/> Stent removal ▶
<input type="checkbox"/> Electrocautery ▶	<input type="checkbox"/> Other therapy ▶
<input type="checkbox"/> Laser ▶	
Diagnostics	Comments: <input type="text"/>
<input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken: <input type="text"/>	
<input type="checkbox"/> Endobronchial brushing taken	
<input type="checkbox"/> Endobronchial needle aspiration Number of passes: <input type="text"/>	
Needle gauge used: <input type="text"/>	
<input type="checkbox"/> Mucosa sprayed for hemostasis with: <input type="text"/>	
<input type="checkbox"/> Wash volume of saline used: <input type="radio"/> ≤ 20 ml <input type="radio"/> > 20 ml	
Sent to pathology: <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID: <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs: <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Prior surgery

Table: BRONpPriorSurgery

Prior surgery

Location: Larynx

Description:

Diagnosis:

Image(s) taken

Comments:

Save Cancel

Purulent secretions

Table: BRONpPurulentSecretions

Purulent secretions

Location: Trachea

Description:

Diagnosis:

Save Cancel

Tear / Perforation

Table: BRONpTearPerforation

Tear / Perforation	
Location <input type="text" value="Trachea"/>	<input type="checkbox"/> Image(s) taken
Size (mm) <input type="text"/>	
Tissue adhesive used <input type="radio"/> Yes <input type="radio"/> No	
Therapeutic procedure(s)	Diagnosis <input type="text"/>
<input type="checkbox"/> APC ▶	Comments <input type="text"/>
<input type="checkbox"/> Balloon dilation ▶	
<input type="checkbox"/> Cryotherapy ▶	
<input type="checkbox"/> Electrocautery ▶	
<input type="checkbox"/> Laser ▶	
<input type="checkbox"/> Manual debridement ▶	
<input type="checkbox"/> Stent ▶	
<input type="checkbox"/> Stent removal ▶	
<input type="checkbox"/> Other therapy ▶	
Diagnostics	
<input type="checkbox"/> Endobronchial forceps biopsy taken Total # of biopsies taken <input type="text"/>	
<input type="checkbox"/> Endobronchial brushing taken	
<input type="checkbox"/> Endobronchial needle aspiration Number of passes <input type="text"/>	
Needle gauge used <input type="text"/>	
<input type="checkbox"/> Mucosa sprayed for hemostasis with <input type="text"/>	
<input type="checkbox"/> Wash volume of saline used <input type="radio"/> ≤ 20 ml <input type="radio"/> > 20 ml	
Sent to pathology <input type="radio"/> Yes <input type="radio"/> No	
Enter pathology ID <input type="text"/> <input type="button" value="Add"/>	
Current pathology IDs <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Therapeutic procedure

Table: BRONpTherapeuticProcs

Therapeutic procedures	
<input type="checkbox"/> Endotracheal tube placement Endotracheal tube size (Fr) <input type="text"/>	Description <input type="text"/>
<input type="checkbox"/> Percutaneous dilational tracheotomy Tracheotomy tube size (Fr) <input type="text"/>	Procedural outcome <input type="text"/>
<input type="checkbox"/> Brachytherapy	Comments <input type="text"/>
<input type="checkbox"/> Photodynamic therapy (PDT) Photosensitizer and dose <input type="text"/>	
Type of laser <input type="text"/>	
Watts <input type="text"/>	
Joules <input type="text"/>	
Total seconds <input type="text"/>	
<input type="checkbox"/> Bronchial thermoplasty	
<input type="checkbox"/> Airway valve Anatomic location of valve <input type="text" value="Larynx"/>	
<input type="checkbox"/> Other therapeutic procedure <input type="text"/>	
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Tracheoesophageal fistula

Table: BRONpTracheoFistula

Tracheoesophageal fistula	
Description <input type="text"/>	
Therapeutic procedure(s)	
<input type="checkbox"/> APC ▶	<input type="checkbox"/> Manual debridement ▶
<input type="checkbox"/> Balloon dilation ▶	<input type="checkbox"/> Stent ▶
<input type="checkbox"/> Cryotherapy ▶	<input type="checkbox"/> Stent removal ▶
<input type="checkbox"/> Electrocautery ▶	<input type="checkbox"/> Other therapy ▶
<input type="checkbox"/> Laser ▶	
Diagnosis <input type="text"/>	
<input type="checkbox"/> Image(s) taken	
Comments <input type="text"/>	
Save Cancel	

Tracheomalacia

Table: BRONpTracheomalacia

Tracheomalacia

Description

Appearance

mucosal edema

cartilage effacement

other

Severity of obstruction

Lumen diameter (mm)

Therapeutic procedure(s)

APC Manual debridement

Balloon dilation Stent

Cryotherapy Stent removal

Electrocautery Other therapy

Laser

Diagnostics

Endobronchial forceps biopsy taken
Total # of biopsies taken

Endobronchial brushing taken

Endobronchial needle aspiration
Number of passes
Needle gauge used

Mucosa sprayed for hemostasis
with

Wash
volume of saline used <= 20 ml > 20 ml

Sent to pathology Yes No

Enter pathology ID

Current pathology IDs

Diagnosis

Image(s) taken

Comments

Description

Appearance

mucosal edema

cartilage effacement

other

Severity of obstruction

Lumen diameter (mm)

Therapeutic procedure(s)

THERAPIES

Menus used in all therapies:

The first screenshot shows a dropdown menu for 'Bleeding outcome' with the following options: bleeding continues, bleeding precipitated, and hemostasis achieved.

The second screenshot shows a dropdown menu for 'Procedural outcome' with the following options: technically successful and technically not successful.

Argon Plasma Coagulation (APC)

Table: APC

The dialog box titled 'Argon Plasma Coagulation' contains the following fields:

- Watts: A numeric input field with up and down arrows.
- Liters/min of Argon: A numeric input field with up and down arrows.
- Bleeding outcome: A dropdown menu.
- Procedural outcome: A dropdown menu.
- Comments: A text area with a vertical scrollbar.
- Buttons: 'Save' and 'Cancel' buttons at the bottom.

Balloon dilation

Table: Dilation

Balloon dilation

Maximum balloon size (mm)

Length of time (secs)

Resistance

Heme on extraction

Procedural outcome

Comments

Save Cancel

Resistance

Heme on extraction

Procedural outcome

none
minimal
moderate
significant

Heme on extraction

Procedural outcome

Comments

none
minimal
moderate
significant

Cryotherapy

Table: Cryotherapy

The screenshot shows a software window titled "Cryotherapy". It contains the following fields and controls:

- Instrument:** A text input field.
- Total seconds:** A numeric spinner control.
- Bleeding outcome:** A dropdown menu.
- Procedural outcome:** A dropdown menu.
- Comments:** A large text area with a vertical scrollbar.
- Buttons:** "Save" and "Cancel" buttons at the bottom.

Electrocautery

Table: Electrocautery

The screenshot shows a software window titled "Electrocautery". It contains the following fields and controls:

- Instrument:** A text input field.
- Watts:** A numeric spinner control.
- Total seconds:** A numeric spinner control.
- Bleeding outcome:** A dropdown menu.
- Procedural outcome:** A dropdown menu.
- Comments:** A large text area with a vertical scrollbar.
- Buttons:** "Save" and "Cancel" buttons at the bottom.

Laser

Table: Laser (No data available)

The screenshot shows a form titled "Laser" with the following fields and controls:

- Type of laser**: A text input field.
- Watts**: A numeric spinner control.
- Joules**: A numeric spinner control.
- Total seconds**: A numeric spinner control.
- Bleeding outcome**: A dropdown menu.
- Procedural outcome**: A dropdown menu.
- Comments**: A large text area with a vertical scrollbar.
- Buttons**: "Save" and "Cancel" buttons at the bottom.

Manual debridement

Table: Debridement

The screenshot shows a form titled "Manual debridement" with the following fields and controls:

- Description**: A large text area with a vertical scrollbar.
- Bleeding outcome**: A dropdown menu.
- Procedural outcome**: A dropdown menu.
- Comments**: A large text area with a vertical scrollbar.
- Buttons**: "Save" and "Cancel" buttons at the bottom.

Stent placement or replacement

Table: BRONpStent

Stent placement or replacement

Procedure placement replacement

Stents Add stent

Stent	Type	Length (cm)	Diameter	Unit	Note
-------	------	-------------	----------	------	------

Performed under fluoroscopy guidance

Procedure outcome

Comments

Save Cancel

Stent removal

Table: StentRemoval

Stent removal

Description

Procedural outcome

Comments

Save Cancel

Other therapy

Table: OtherTherapy

Other therapy

Description

Bleeding outcome

Procedural outcome

Comments

Save Cancel

EVENTS

Table: PEDS_BRONIntervention

Intervention medication grid: PEDS_BronIntervention_Intervention_medication_grid

Bronchoscopy pediatrics

Pathology Images Print Fax Orders

First name: Aga_pt96 Middle name: Last name: ALEXANDER MRN: 81750211 Birth date: 4/30/1952 Procedure date: Nov 25, 2014 02:46 PM

Were there any unplanned events? Yes No

Cardiac events

- Arrhythmia
- Bradycardia
- Chest pain
- Hypertension
- Hypotension
- Tachycardia
- Vasovagal reaction
- Other cardiac event

Pulmonary events

- Elevated pCO2
- Respiratory distress
- Wheezing
- Pneumothorax
- Pneumomediastinum
- Hypoxia - transient (<= 15 sec)
- Hypoxia - prolonged (> 15 sec)
- O2 sat < 95% O2 sat < 90%

Foreign body

- Foreign body
- Bleeding
- >10 cc <=10 cc
- Other pulmonary event

Gastrointestinal events

- Abdominal pain
- Nausea/vomiting
- Perforation
- Other GI event

Other events

- Death
- Drug reaction
- Paradoxical reaction
- Prolonged sedation
- Rash/hives
- Seizure
- Other event

Interventions required? Yes No

If yes, specify the intervention(s)

- Code 99/CPR
- Assisted ventilation / intubation
- Oxygen administered
- IV fluids administered
- Sedation reversed
- Cauteary required
- Transfusion required
- Procedure stopped prematurely
- Surgery required
- Patient admitted to ED
- Patient admitted to hospital
- Other intervention

Were the interventions successful? Yes No

Select all that apply

- Hemostasis achieved
- O2 desaturation reversed
- Spontaneous resolution of event
- Vital signs stabilized

Intervention medication Add med

Medication	Dose	Route
<input type="checkbox"/> Other intervention medication		

Other intervention medication

Unplanned events/interventions comments
Please do not use this field if you can document the information using other fields on the screen

Save Sign Print Preview Close

Intervention medication Add med

Medication	Dose	Route
atropine		
atropine		
diphenhydramine		
epinephrine		
epinephrine 1:1,000		
epinephrine 1:10,000		
flumazenil		
glucagon		
glycopyrrolate		
hydrocortisone		
hydroxyzine		
lidocaine		
mepidine		
naloxone		
promethazine		
<input type="checkbox"/> Other intervention medication		

Unplanned events/interventions comments
Please do not use this field if you can document the information using other fields on the screen

Intervention medication Add med

Medication	Dose	Route
atropine	1 mg	
	2 mg	
	3 mg	
	4 mg	
	5 mg	
	6 mg	
	7 mg	
	8 mg	
	9 mg	
	10 mg	
<input type="checkbox"/> Other intervention medication		

Unplanned events/interventions comments
Please do not use this field if you can document the information using other fields on the screen

(Dose menu customized to Medication selection)

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

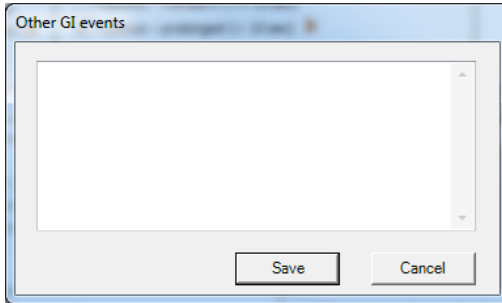
Pulmonary events: Other pulmonary event

Table: EventPulmOther

Other pulmonary events

Gastrointestinal events: Other GI event

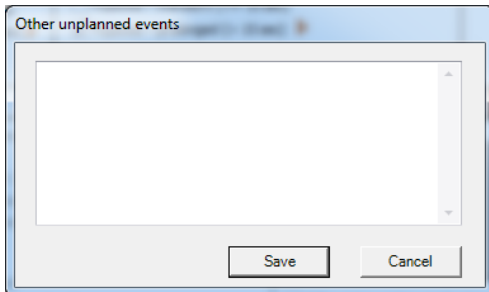
Table: EventGIOther



A screenshot of a software dialog box titled "Other GI events". The dialog box has a light blue header bar with the title and a close button. The main area is a large, empty white rectangular field with a vertical scrollbar on the right side. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

Other events: Other event

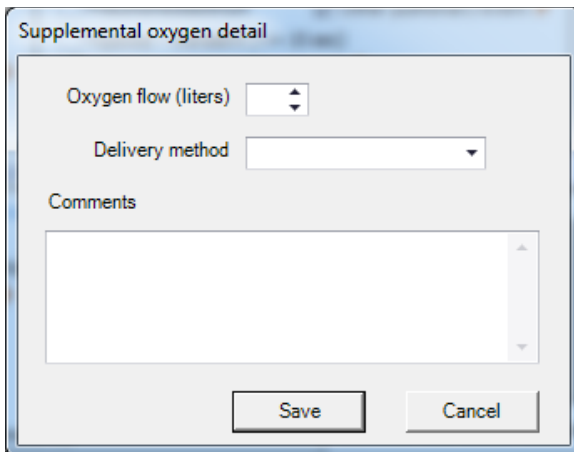
Table: EventOther



A screenshot of a software dialog box titled "Other unplanned events". The dialog box has a light blue header bar with the title and a close button. The main area is a large, empty white rectangular field with a vertical scrollbar on the right side. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

If yes, specify the interventions: Oxygen administered

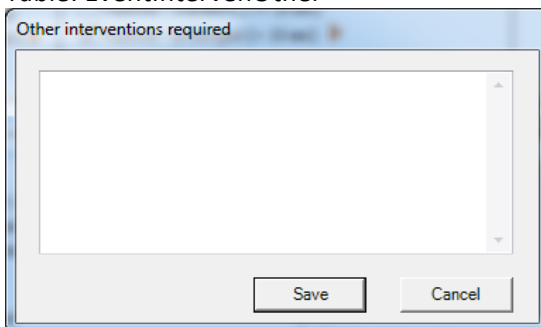
Table: EventO2Admin



A screenshot of a software dialog box titled "Supplemental oxygen detail". The dialog box has a light blue header bar with the title and a close button. The main area contains several input fields: "Oxygen flow (liters)" with a numeric spinner, "Delivery method" with a dropdown menu, and "Comments" with a large text area and a vertical scrollbar. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

If yes, specify the interventions: Other interventions

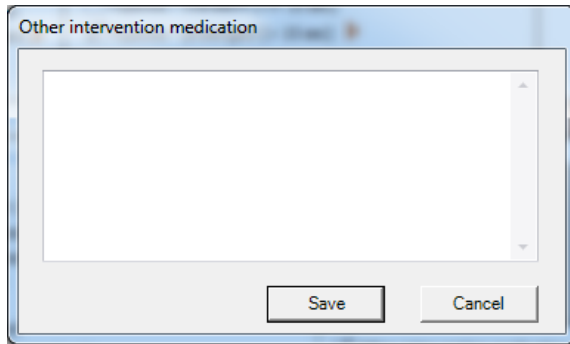
Table: EventIntervenOther



A screenshot of a software dialog box titled "Other interventions required". The dialog box has a light blue header bar with the title and a close button. The main area is a large, empty white rectangular field with a vertical scrollbar on the right side. At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".

Intervention medications: Other intervention medication

Table: IntervenMedOther



The image shows a standard Windows-style dialog box. The title bar at the top reads "Other intervention medication" and includes a close button (an 'X' icon). The main area of the dialog is a large, empty rectangular box with a vertical scrollbar on the right side, suggesting it was intended to display a list or table of data. At the bottom of the dialog, there are two buttons: "Save" on the left and "Cancel" on the right.

ASSESSMENT / PLAN

Table: PEDS_BRONTreatmentPlan

New medications grid: PEDS_BRONTreatmentPlan_New_medications_grid

Scheduling and Referring grid:

PEDS_BRONTreatmentPlan_Scheduling_and_Referring_grid (redacted)

(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

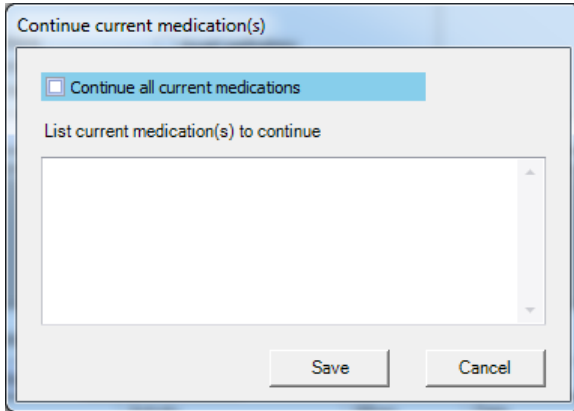
Table: DiscontinueCurMeds

Discontinue current medication(s)

List current medication(s) to discontinue

Medication plan: Continue all current medications

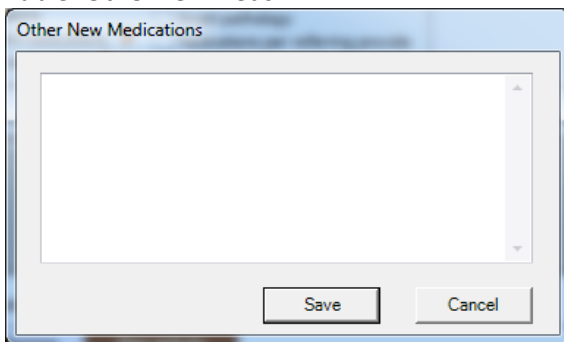
Table: ContinueMeds



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 currently unchecked. 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

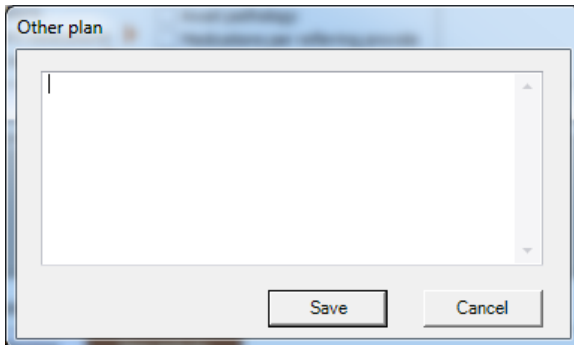
Table: OtherNewMeds



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 features 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

Table: Letters

Pathology
Images
Print
Fax
Orders

First name	Middle name	Last name	MRN	Birth date	Procedure date
Aga_pt96		ALEXANDER	81750211	4/30/1952	May 19, 2015 01:43 PM

Select Providers to receive copies of the report

Search by last name [Providers](#)

Gissel, Theodore Whoville Clinic
 Nimble, Jack
 Provider, Default Oregon Health and Science University
 Provider, First
 Provider, Second Second Tier Medical
 Slughom, Prof Hogwarts
 Test, Tom Northwest Test Center of Lower hoboken New Jersey
 Turtle, Mertle Turtle Pond Digestive Care

Referring provider

Provider, A

Other providers to be copied

Print these providers at bottom of procedure report

Finding-specific instructions

Bronchoscopy

<input type="checkbox"/> Abnormal anatomy	<input type="checkbox"/> Extrinsic compression	<input type="checkbox"/> Tear/perforation
<input type="checkbox"/> Blood	<input type="checkbox"/> Foreign body	<input type="checkbox"/> Therapeutic procedure
<input type="checkbox"/> Bronchomalacia	<input type="checkbox"/> Mucosal abnormality	<input type="checkbox"/> Tracheoesophageal fistula
<input type="checkbox"/> Diagnostic test	<input type="checkbox"/> Mucous plug	<input type="checkbox"/> Tracheomalacia
<input type="checkbox"/> Endobronchial mass	<input type="checkbox"/> Other finding	
<input type="checkbox"/> Endobronchial stenosis	<input type="checkbox"/> Purulent secretions	

Instructions given in

Standardized instructions given

Sedation

Post-exam instructions given

NPO

Liquids only

Resume prior diet

No alcohol

ASA / NSAIDS

Restart medications

Other specific post-exam instructions