|  |  |
| --- | --- |
|  | |
| *Change Request ID:* |  |
| *File Name:* | *OO CR160—792 HL70487 concept review* |
| *Description:* |  |
| *Status:* | *New Proposal* |
| *Sponsoring Person* | *Riki Merrick* |
| *Sponsoring Business Unit* | *Contractor to APHL* |
| *Date Originated:* | *2/6/2014* |
| *Date HL7 approved:* |  |
| *Backward Compatible:* | *Yes* |
| *Forward Compatible:* | *Yes* |
| *HL7 Status & Date* |  |

# Justification Detail:

It seems that during the migration from use of HL7 table 70 in OBR-15 to HL7 table 487 in SPM-4 (HL7 v2.5 and up) several concepts were dropped – either intentionally or unintentionally - CSF as the example that started this analysis.

Here is a comparison of concepts in both tables:

|  |  |  |  |
| --- | --- | --- | --- |
| **Table0070 Code** | **Table0070 Value** | **Table0487 Code** | **Table0487 Value** |
| ABS | Abscess | ABS | Abscess |
| ACNE | Tissue, Acne | ACNE | Tissue, Acne |
| ACNFLD | Fluid, Acne | ACNFLD | Fluid, Acne |
| AIRS | Air Sample | AIRS | Air Sample |
| ALL | Allograft | ALL | Allograft |
| AMN | Amniotic fluid |  |  |
| AMP | Amputation | AMP | Amputation |
| ANGI | Catheter Tip, Angio | ANGI | Catheter Tip, Angio |
| ARTC | Catheter Tip, Arterial | ARTC | Catheter Tip, Arterial |
| ASERU | Serum, Acute | ASERU | Serum, Acute |
| ASP | Aspirate | ASP | Aspirate |
| ATTE | Environmental, Autoclave Ampule | ATTE | Environmental, Autoclave Ampule |
| AUTOC | Environment, Attest | AUTOC | Environmental, Autoclave Capsule |
| AUTP | Autopsy | AUTP | Autopsy |
| BBL | Blood bag | BBL | Blood bag |
| BCYST | Cyst, Baker's | BCYST | Cyst, Baker's |
| BDY | Whole body |  |  |
| BIFL | Bile fluid |  |  |
| BITE | Bite | BITE | Bite |
| BLD | Whole blood |  |  |
| BLDA | Blood arterial |  |  |
| BLDC | Blood capillary |  |  |
| BLDCO | Cord blood |  |  |
| BLDV | Blood venous |  |  |
| BLEB | Bleb | BLEB | Bleb |
| BLIST | Blister | BLIST | Blister |
| BOIL | Boil | BOIL | Boil |
| BON | Bone | BON | Bone |
| BOWL | Bowel contents | BOWL | Bowel contents |
| BPH | Basophils |  |  |
| BPU | Blood product unit | BPU | Blood product unit |
| BRN | Burn | BRN | Burn |
| BRO | Bronchial |  |  |
| BRSH | Brush | BRSH | Brush |
| BRTH | Breath (use EXHLD) | BRTH | Breath (use EXHLD) |
| BRUS | Brushing | BRUS | Brushing |
| BUB | Bubo | BUB | Bubo |
| BULLA | Bulla/Bullae | BULLA | Bulla/Bullae |
| BX | Biopsy | BX | Biopsy |
| CALC | Calculus (=Stone) | CALC | Calculus (=Stone) |
| CARBU | Carbuncle | CARBU | Carbuncle |
| CAT | Catheter | CAT | Catheter |
| CBITE | Bite, Cat | CBITE | Bite, Cat |
| CDM | Cardiac muscle |  |  |
| CLIPP | Clippings | CLIPP | Clippings |
| CNJT | Conjunctiva | CNJT | Conjunctiva |
| CNL | Cannula |  |  |
| COL | Colostrum | COL | Colostrum |
| CONE | Biospy, Cone | CONE | Biospy, Cone |
| CSCR | Scratch, Cat | CSCR | Scratch, Cat |
| CSERU | Serum, Convalescent | CSERU | Serum, Convalescent |
| CSF | Cerebral spinal fluid |  |  |
| CSITE | Catheter Insertion Site | CSITE | Catheter Insertion Site |
| CSMY | Fluid, Cystostomy Tube | CSMY | Fluid, Cystostomy Tube |
| CST | Fluid, Cyst | CST | Fluid, Cyst |
| CSVR | Blood, Cell Saver | CSVR | Blood, Cell Saver |
| CTP | Catheter tip | CTP | Catheter tip |
| CUR | Curettage |  |  |
| CVM | Cervical mucus |  |  |
| CVPS | Site, CVP | CVPS | Site, CVP |
| CVPT | Catheter Tip, CVP | CVPT | Catheter Tip, CVP |
| CVX | Cervix |  |  |
| CYN | Nodule, Cystic | CYN | Nodule, Cystic |
| CYST | Cyst | CYST | Cyst |
| DBITE | Bite, Dog | DBITE | Bite, Dog |
| DCS | Sputum, Deep Cough | DCS | Sputum, Deep Cough |
| DEC | Ulcer, Decubitus | DEC | Ulcer, Decubitus |
| DEION | Environmental, Water (Deionized) | DEION | Environmental, Water (Deionized) |
| DIA | Dialysate | DIA | Dialysate |
| DIAF | Dialysis fluid |  |  |
| DISCHG | Discharge | DISCHG | Discharge |
| DIV | Diverticulum | DIV | Diverticulum |
| DOSE | Dose med or substance |  |  |
| DRN | Drain | DRN | Drain |
| DRNG | Drainage, Tube | DRNG | Drainage, Tube |
| DRNGP | Drainage, Penrose | DRNGP | Drainage, Penrose |
| DUFL | Duodenal fluid |  |  |
| EAR | Ear |  |  |
| EARW | Ear wax (cerumen) | EARW | Ear wax (cerumen) |
| EBRUSH | Brush, Esophageal | EBRUSH | Brush, Esophageal |
| EEYE | Environmental, Eye Wash | EEYE | Environmental, Eye Wash |
| EFF | Environmental, Effluent | EFF | Environmental, Effluent |
| EFFUS | Effusion | EFFUS | Effusion |
| EFOD | Environmental, Food | EFOD | Environmental, Food |
| EISO | Environmental, Isolette | EISO | Environmental, Isolette |
| ELT | Electrode | ELT | Electrode |
| ENDC | Endocardium |  |  |
| ENDM | Endometrium |  |  |
| ENVIR | Environmental, Unidentified Substance | ENVIR | Environmental, Unidentified Substance |
| EOS | Eosinophils |  |  |
| EOTH | Environmental, Other Substance | EOTH | Environmental, Other Substance |
| ESOI | Environmental, Soil | ESOI | Environmental, Soil |
| ESOS | Environmental, Solution (Sterile) | ESOS | Environmental, Solution (Sterile) |
| ETA | Aspirate, Endotrach | ETA | Aspirate, Endotrach |
| ETTP | Catheter Tip, Endotracheal | ETTP | Catheter Tip, Endotracheal |
| ETTUB | Tube, Endotracheal | ETTUB | Tube, Endotracheal |
| EWHI | Environmental, Whirlpool | EWHI | Environmental, Whirlpool |
| EXG | Exhaled gas (=breath) | EXG | Gas, exhaled (=breath) |
| EXS | Shunt, External | EXS | Shunt, External |
| EXUDTE | Exudate | EXUDTE | Exudate |
| EYE | Eye |  |  |
| FAW | Environmental, Water (Well) | FAW | Environmental, Water (Well) |
| FBLOOD | Blood, Fetal | FBLOOD | Blood, Fetal |
| FGA | Fluid, Abdomen | FGA | Fluid, Abdomen |
| FIB | Fibroblasts |  |  |
| FIST | Fistula | FIST | Fistula |
| FLD | Fluid, Other | FLD | Fluid, Other |
| FLT | Filter | FLT | Filter |
| FLU | Body fluid, unsp | FLU | Fluid, Body unsp |
| FLUID | Fluid | FLUID | Fluid |
| FOLEY | Catheter Tip, Foley | FOLEY | Catheter Tip, Foley |
| FRS | Fluid, Respiratory | FRS | Fluid, Respiratory |
| FSCLP | Scalp, Fetal | FSCLP | Scalp, Fetal |
| FUR | Furuncle | FUR | Furuncle |
| GAS | Gas | GAS | Gas |
| GASA | Aspirate, Gastric | GASA | Aspirate, Gastric |
| GASAN | Antrum, Gastric | GASAN | Antrum, Gastric |
| GASBR | Brushing, Gastric | GASBR | Brushing, Gastric |
| GASD | Drainage, Gastric | GASD | Drainage, Gastric |
| GAST | Gastric fluid/contents | GAST | Fluid/contents, Gastric |
| GEN | Genital |  |  |
| GENC | Genital cervix |  |  |
| GENL | Genital lochia |  |  |
| GENV | Genital vaginal | GENV | Genital vaginal |
| GRAFT | Graft | GRAFT | Graft Site |
| GRANU | Granuloma | GRANU | Granuloma |
| GROSH | Catheter, Groshong | GROSH | Catheter, Groshong |
| GSOL | Solution, Gastrostomy | GSOL | Solution, Gastrostomy |
| GSPEC | Biopsy, Gastric | GSPEC | Biopsy, Gastric |
| GT | Tube, Gastric | GT | Tube, Gastric |
| GTUBE | Drainage Tube, Drainage (Gastrostomy) | GTUBE | Drainage Tube, Drainage (Gastrostomy) |
| HAR | Hair |  |  |
| HBITE | Bite, Human | HBITE | Bite, Human |
| HBLUD | Blood, Autopsy | HBLUD | Blood, Autopsy |
| HEMAQ | Catheter Tip, Hemaquit | HEMAQ | Catheter Tip, Hemaquit |
| HEMO | Catheter Tip, Hemovac | HEMO | Catheter Tip, Hemovac |
| HERNI | Tissue, Herniated | HERNI | Tissue, Herniated |
| HEV | Drain, Hemovac | HEV | Drain, Hemovac |
| HIC | Catheter, Hickman | HIC | Catheter, Hickman |
| HYDC | Fluid, Hydrocele | HYDC | Fluid, Hydrocele |
| IBITE | Bite, Insect | IBITE | Bite, Insect |
| ICYST | Cyst, Inclusion | ICYST | Cyst, Inclusion |
| IDC | Catheter Tip, Indwelling | IDC | Catheter Tip, Indwelling |
| IHG | Inhaled Gas | IHG | Gas, Inhaled |
| ILEO | Drainage, Ileostomy | ILEO | Drainage, Ileostomy |
| ILLEG | Source of Specimen Is Illegible | ILLEG | Source of Specimen Is Illegible |
| IMP | Implant | IMP | Implant |
| INCI | Site, Incision/Surgical | INCI | Site, Incision/Surgical |
| INFIL | Infiltrate | INFIL | Infiltrate |
| INS | Insect | INS | Insect |
| INTRD | Catheter Tip, Introducer | INTRD | Catheter Tip, Introducer |
| ISLT | Isolate |  |  |
| IT | Intubation tube | IT | Intubation tube |
| IUD | Intrauterine Device | IUD | Intrauterine Device |
| IVCAT | Catheter Tip, IV | IVCAT | Catheter Tip, IV |
| IVFLD | Fluid, IV | IVFLD | Fluid, IV |
| IVTIP | Tubing Tip, IV | IVTIP | Tubing Tip, IV |
| JEJU | Drainage, Jejunal | JEJU | Drainage, Jejunal |
| JNTFLD | Fluid, Joint | JNTFLD | Fluid, Joint |
| JP | Drainage, Jackson Pratt | JP | Drainage, Jackson Pratt |
| KELOI | Lavage | KELOI | Lavage |
| KIDFLD | Fluid, Kidney | KIDFLD | Fluid, Kidney |
| LAM | Lamella |  |  |
| LAVG | Lavage, Bronhial | LAVG | Lavage, Bronhial |
| LAVGG | Lavage, Gastric | LAVGG | Lavage, Gastric |
| LAVGP | Lavage, Peritoneal | LAVGP | Lavage, Peritoneal |
| LAVPG | Lavage, Pre-Bronch | LAVPG | Lavage, Pre-Bronch |
| LENS1 | Contact Lens | LENS1 | Contact Lens |
| LENS2 | Contact Lens Case | LENS2 | Contact Lens Case |
| LESN | Lesion | LESN | Lesion |
| LIQ | Liquid NOS | LIQ | Liquid, Unspecified |
| LIQO | Liquid, Other | LIQO | Liquid, Other |
| LN | Line |  |  |
| LNA | Line arterial |  |  |
| LNV | Line venous |  |  |
| LSAC | Fluid, Lumbar Sac | LSAC | Fluid, Lumbar Sac |
| LYM | Lymphocytes |  |  |
| MAC | Macrophages |  |  |
| MAHUR | Catheter Tip, Makurkour | MAHUR | Catheter Tip, Makurkour |
| MAR | Marrow |  |  |
| MASS | Mass | MASS | Mass |
| MBLD | Menstrual blood | MBLD | Blood, Menstrual |
| MEC | Meconium |  |  |
| MILK | Breast milk |  |  |
| MLK | Milk |  |  |
| MUCOS | Mucosa | MUCOS | Mucosa |
| MUCUS | Mucus | MUCUS | Mucus |
| NAIL | Nail |  |  |
| NASDR | Drainage, Nasal | NASDR | Drainage, Nasal |
| NEDL | Needle | NEDL | Needle |
| NEPH | Site, Nephrostomy | NEPH | Site, Nephrostomy |
| NGASP | Aspirate, Nasogastric | NGASP | Aspirate, Nasogastric |
| NGAST | Drainage, Nasogastric | NGAST | Drainage, Nasogastric |
| NGS | Site, Naso/Gastric | NGS | Site, Naso/Gastric |
| NODUL | Nodule(s) | NODUL | Nodule(s) |
| NOS | Nose (nasal passage) |  |  |
| NSECR | Secretion, Nasal | NSECR | Secretion, Nasal |
| ORH | Other | ORH | Other |
| ORL | Lesion, Oral | ORL | Lesion, Oral |
| OTH | Source, Other | OTH | Source, Other |
| PACEM | Pacemaker | PACEM | Pacemaker |
| PAFL | Pancreatic fluid |  |  |
| PAT | Patient |  |  |
| PCFL | Fluid, Pericardial | PCFL | Fluid, Pericardial |
| PDSIT | Site, Peritoneal Dialysis | PDSIT | Site, Peritoneal Dialysis |
| PDTS | Site, Peritoneal Dialysis Tunnel | PDTS | Site, Peritoneal Dialysis Tunnel |
| PELVA | Abscess, Pelvic | PELVA | Abscess, Pelvic |
| PENIL | Lesion, Penile | PENIL | Lesion, Penile |
| PERIA | Abscess, Perianal | PERIA | Abscess, Perianal |
| PILOC | Cyst, Pilonidal | PILOC | Cyst, Pilonidal |
| PINS | Site, Pin | PINS | Site, Pin |
| PIS | Site, Pacemaker Insetion | PIS | Site, Pacemaker Insetion |
| PLAN | Plant Material | PLAN | Plant Material |
| PLAS | Plasma | PLAS | Plasma |
| PLB | Plasma bag | PLB | Plasma bag |
| PLC | Placenta |  |  |
| PLEVS | Serum, Peak Level | PLEVS | Serum, Peak Level |
| PLR | Pleural fluid (thoracentesis fld) |  |  |
| PMN | Polymorphonuclear neutrophils |  |  |
| PND | Drainage, Penile | PND | Drainage, Penile |
| POL | Polyps | POL | Polyps |
| POPGS | Graft Site, Popliteal | POPGS | Graft Site, Popliteal |
| POPLG | Graft, Popliteal | POPLG | Graft, Popliteal |
| POPLV | Site, Popliteal Vein | POPLV | Site, Popliteal Vein |
| PORTA | Catheter, Porta | PORTA | Catheter, Porta |
| PPP | Platelet poor plasma | PPP | Plasma, Platelet poor |
| PROST | Prosthetic Device | PROST | Prosthetic Device |
| PRP | Platelet rich plasma | PRP | Plasma, Platelet rich |
| PRT | Peritoneal fluid /ascites |  |  |
| PSC | Pseudocyst | PSC | Pseudocyst |
| PUNCT | Wound, Puncture | PUNCT | Wound, Puncture |
| PUS | Pus | PUS | Pus |
| PUSFR | Pustule | PUSFR | Pustule |
| PUST | Pus | PUST | Pus |
| QC3 | Quality Control | QC3 | Quality Control |
| RANDU | Urine, Random | RANDU | Urine, Random |
| RBC | Erythrocytes |  |  |
| RBITE | Bite, Reptile | RBITE | Bite, Reptile |
| RECT | Drainage, Rectal | RECT | Drainage, Rectal |
| RECTA | Abscess, Rectal | RECTA | Abscess, Rectal |
| RENALC | Cyst, Renal | RENALC | Cyst, Renal |
| RENC | Fluid, Renal Cyst | RENC | Fluid, Renal Cyst |
| RES | Respiratory | RES | Respiratory |
| RT | Route of medicine |  |  |
| SAL | Saliva | SAL | Saliva |
| SCAR | Tissue, Keloid (Scar) | SCAR | Tissue, Keloid (Scar) |
| SCLV | Catheter Tip, Subclavian | SCLV | Catheter Tip, Subclavian |
| SCROA | Abscess, Scrotal | SCROA | Abscess, Scrotal |
| SECRE | Secretion(s) | SECRE | Secretion(s) |
| SER | Serum | SER | Serum |
| SHU | Site, Shunt | SHU | Site, Shunt |
| SHUNF | Fluid, Shunt | SHUNF | Fluid, Shunt |
| SHUNT | Shunt | SHUNT | Shunt |
| SITE | Site | SITE | Site |
| SKBP | Biopsy, Skin | SKBP | Biopsy, Skin |
| SKM | Skeletal muscle |  |  |
| SKN | Skin | SKN | Skin |
| SMM | Mass, Sub-Mandibular | SMM | Mass, Sub-Mandibular |
| SMN | Seminal fluid |  |  |
| SNV | Synovial fluid (Joint fluid) | SNV | Fluid, synovial (Joint fluid) |
| SPRM | Spermatozoa | SPRM | Spermatozoa |
| SPRP | Catheter Tip, Suprapubic | SPRP | Catheter Tip, Suprapubic |
| SPRPB | Cathether Tip, Suprapubic | SPRPB | Cathether Tip, Suprapubic |
| SPS | Environmental, Spore Strip | SPS | Environmental, Spore Strip |
| SPT | Sputum | SPT | Sputum |
| SPTC | Sputum - coughed | SPTC | Sputum - coughed |
| SPTT | Sputum - tracheal aspirate | SPTT | Sputum - tracheal aspirate |
| SPUT1 | Sputum, Simulated | SPUT1 | Sputum, Simulated |
| SPUTIN | Sputum, Inducted | SPUTIN | Sputum, Inducted |
| SPUTSP | Sputum, Spontaneous | SPUTSP | Sputum, Spontaneous |
| STER | Environmental, Sterrad | STER | Environmental, Sterrad |
| STL | Stool = Fecal | STL | Stool = Fecal |
| STON | Stone (use CALC) |  |  |
| STONE | Stone, Kidney | STONE | Stone, Kidney |
| SUBMA | Abscess, Submandibular | SUBMA | Abscess, Submandibular |
| SUBMX | Abscess, Submaxillary | SUBMX | Abscess, Submaxillary |
| SUMP | Drainage, Sump | SUMP | Drainage, Sump |
| SUP | Suprapubic Tap | SUP | Suprapubic Tap |
| SUTUR | Suture | SUTUR | Suture |
| SWGZ | Catheter Tip, Swan Gantz | SWGZ | Catheter Tip, Swan Gantz |
| SWT | Sweat |  |  |
| TASP | Aspirate, Tracheal | TASP | Aspirate, Tracheal |
| TEAR | Tears |  |  |
| THRB | Thrombocyte (platelet) |  |  |
| THRT | Throat |  |  |
| TISG | Tissue gall bladder |  |  |
| TISPL | Tissue placenta |  |  |
| TISS | Tissue | TISS | Tissue |
| TISU | Tissue ulcer | TISU | Tissue ulcer |
| TLC | Cathether Tip, Triple Lumen | TLC | Cathether Tip, Triple Lumen |
| TLGI | Tissue large intestine |  |  |
| TLNG | Tissue lung |  |  |
| TRAC | Site, Tracheostomy | TRAC | Site, Tracheostomy |
| TRANS | Transudate | TRANS | Transudate |
| TSERU | Serum, Trough | TSERU | Serum, Trough |
| TSMI | Tissue small intestine |  |  |
| TSTES | Abscess, Testicular | TSTES | Abscess, Testicular |
| TTRA | Aspirate, Transtracheal | TTRA | Aspirate, Transtracheal |
| TUB | Tube NOS |  |  |
| TUBES | Tubes | TUBES | Tubes |
| TUMOR | Tumor | TUMOR | Tumor |
| TZANC | Smear, Tzanck | TZANC | Smear, Tzanck |
| UDENT | Source, Unidentified | UDENT | Source, Unidentified |
| ULC | Ulcer |  |  |
| UMB | Umbilical blood |  |  |
| UMED | Unknown medicine |  |  |
| UR | Urine | UR | Urine |
| URC | Urine clean catch | URC | Urine clean catch |
| URINB | Urine, Bladder Washings | URINB | Urine, Bladder Washings |
| URINC | Urine, Catheterized | URINC | Urine, Catheterized |
| URINM | Urine, Midstream | URINM | Urine, Midstream |
| URINN | Urine, Nephrostomy | URINN | Urine, Nephrostomy |
| URINP | Urine, Pedibag | URINP | Urine, Pedibag |
| URNS | Urine sediment |  |  |
| URT | Urine catheter | URT | Urine catheter |
| URTH | Urethra |  |  |
| USCOP | Urine, Cystoscopy | USCOP | Urine, Cystoscopy |
| USPEC | Source, Unspecified | USPEC | Source, Unspecified |
| USUB | Unknown substance |  |  |
| VASTIP | Catheter Tip, Vas | VASTIP | Catheter Tip, Vas |
| VENT | Catheter Tip, Ventricular | VENT | Catheter Tip, Ventricular |
| VITF | Vitreous Fluid | VITF | Vitreous Fluid |
| VOM | Vomitus | VOM | Vomitus |
| WASH | Wash | WASH | Wash |
| WASI | Washing, e.g. bronchial washing | WASI | Washing, e.g. bronchial washing |
| WAT | Water | WAT | Water |
| WB | Blood, Whole | WB | Blood, Whole |
| WBC | Leukocytes |  |  |
| WEN | Wen | WEN | Wen |
| WICK | Wick | WICK | Wick |
| WND | Wound | WND | Wound |
| WNDA | Wound abscess | WNDA | Wound abscess |
| WNDD | Wound drainage | WNDD | Wound drainage |
| WNDE | Wound exudate | WNDE | Wound exudate |
| WORM | Worm | WORM | Worm |
| WRT | Wart | WRT | Wart |
| WWA | Environmental, Water | WWA | Environmental, Water |
| WWO | Environmental, Water (Ocean) | WWO | Environmental, Water (Ocean) |
| WWT | Environmental, Water (Tap) | WWT | Environmental, Water (Tap) |
| XXX | To be specified in another part of the message |  |  |

# Open Issues

Need to review for concepts that were dropped on purpose and htose dropped inadvertently – CSF as the example that started this analysis.

# Change Request Impact:

None known.

# Documentation Changes: