

## Large Animal Surgical Supplies

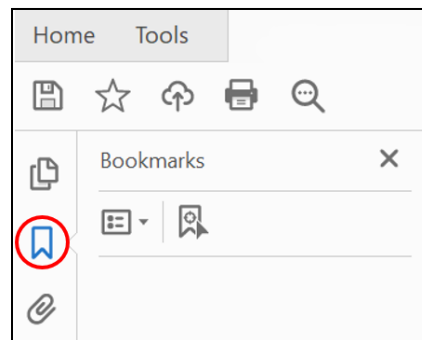
This document contains surgical supplies relevant for use with large animal DSI telemetry. A listing of supplies, as well as vendor and part number information, is provided. Many of these supplies can be found from other vendors as well. Please note vendor part numbers change on occasion. If you encounter a discrepancy, please contact the vendor for the updated information and please contact DSI to have the discrepancy corrected.

Any supplies that come non-sterile **MUST BE** sterilized prior to using them for any survival surgery.

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## Capital Equipment

| Item Name                                                  | Vendor                         | Part Number | Notes                                                                                                                                                                                                                                       |
|------------------------------------------------------------|--------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Anesthesia machine                | <a href="#">DRE Veterinary</a> | 12412       |                                                                                                                                                                                                                                             |
| <input type="checkbox"/> Aspiration suction unit           | <a href="#">Covetrus</a>       | 030202      | <ul style="list-style-type: none"> <li>• Removes blood/fluids</li> <li>• May need additional accessories</li> <li>• Not always a necessity for surgery</li> </ul>                                                                           |
| <input type="checkbox"/> Bair Hugger                       | <a href="#">Covetrus</a>       | 061331      | <ul style="list-style-type: none"> <li>• Use to keep animal warm during surgery</li> <li>• Blanket information available under Disposable Supplies</li> <li>• Other accessories available to warm animal in cage, warm IV fluids</li> </ul> |
| <input type="checkbox"/> Electrocautery unit               | <a href="#">Covetrus</a>       | 067611      | <ul style="list-style-type: none"> <li>• Use for incising and coagulation</li> <li>• May need additional accessories</li> </ul>                                                                                                             |
| <input type="checkbox"/> Fluid pump                        | <a href="#">Covetrus</a>       | 061801      | <ul style="list-style-type: none"> <li>• Programmable</li> </ul>                                                                                                                                                                            |
| <input type="checkbox"/> Incubator                         | <a href="#">Cole Parmer</a>    | EW-03613-10 | <ul style="list-style-type: none"> <li>• Warms fluids</li> </ul>                                                                                                                                                                            |
| <input type="checkbox"/> Instrument table                  | <a href="#">DRE Veterinary</a> | 11075       | <ul style="list-style-type: none"> <li>• Adjustable</li> </ul>                                                                                                                                                                              |
| <input type="checkbox"/> IV fluid line warmer              | <a href="#">Covetrus</a>       | 074507      | <ul style="list-style-type: none"> <li>• Keeps IV fluids warm during surgery</li> </ul>                                                                                                                                                     |
| <input type="checkbox"/> Multiparameter veterinary monitor | <a href="#">Covetrus</a>       | 082384      | <ul style="list-style-type: none"> <li>• Oxygen saturation (SpO2)</li> <li>• Standard ECG with heart rate (HR)</li> <li>• Non-invasion blood pressure (NIBP)</li> <li>• Respiration with end-tidal CO2 (EtCO2)</li> </ul>                   |
| <input type="checkbox"/> Surgical lights                   | <a href="#">DRE Veterinary</a> | 9830        |                                                                                                                                                                                                                                             |
| <input type="checkbox"/> Surgical table                    | <a href="#">DRE Veterinary</a> | 330         | <ul style="list-style-type: none"> <li>• Adjustable</li> <li>• C-arm compatible</li> </ul>                                                                                                                                                  |
| <input type="checkbox"/> Ventilator                        | <a href="#">DRE Veterinary</a> | 11386       | <ul style="list-style-type: none"> <li>• Required for any open chest procedures</li> </ul>                                                                                                                                                  |

## Non-Capital Equipment

| Item Name                                                | Vendor                             | Part Number                              | Notes                                                                                                                                                                                                                                                  |
|----------------------------------------------------------|------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> #40 clipper blade               | <a href="#">Covetrus</a>           | 037702                                   |                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> Anti-fatigue mat                | <a href="#">Medline</a>            | MAC4223X6                                | <ul style="list-style-type: none"> <li>Place on floor where surgeon will stand to provide cushion</li> </ul>                                                                                                                                           |
| <input type="checkbox"/> Autoclavable tip covers         | <a href="#">Fine Science Tools</a> | 29060-00                                 |                                                                                                                                                                                                                                                        |
| <input type="checkbox"/> Avagard™ (500mL cartridge)      | <a href="#">Covetrus</a>           | 021289                                   | <ul style="list-style-type: none"> <li>Hand disinfectant</li> <li>Use after hands are clean and before donning surgical gloves</li> <li>Requires a wall dispenser for use</li> </ul>                                                                   |
| <input type="checkbox"/> Avagard™ wall dispenser         | <a href="#">Covetrus</a>           | Foot pump: 021290<br>Hands free: 045503  | <ul style="list-style-type: none"> <li>Hands free option requires batteries</li> </ul>                                                                                                                                                                 |
| <input type="checkbox"/> Endotracheal tubes              | Various                            | Various                                  | <ul style="list-style-type: none"> <li>Supplies oxygen/anesthesia to animal via trachea</li> <li>Must have appropriate size for animal</li> </ul>                                                                                                      |
| <input type="checkbox"/> Instrument cleaning brush       | <a href="#">Covetrus</a>           | Nylon: 009908<br>Stainless steel: 071186 | <ul style="list-style-type: none"> <li>Should be used to maintain the integrity of the instruments</li> </ul>                                                                                                                                          |
| <input type="checkbox"/> Magnet                          | <a href="#">DSI</a>                | 370-0035-001                             | <ul style="list-style-type: none"> <li>Turn device on/off</li> <li>Contact your sales representative to order</li> </ul>                                                                                                                               |
| <input type="checkbox"/> Power On Detector               | <a href="#">DSI</a>                | 275-0024-001                             | <ul style="list-style-type: none"> <li>Use with PhysioTel Digital implants (M and L series)</li> <li>275-0024-003 (for Japan frequencies)</li> <li>275-0024-004 (for China frequencies)</li> <li>Contact your sales representative to order</li> </ul> |
| <input type="checkbox"/> Surgical clippers               | <a href="#">Covetrus</a>           | 065902                                   | <ul style="list-style-type: none"> <li>Andis Pulse ZR Cordless Clipper, rechargeable</li> <li>Best used with #40 clipper blade</li> </ul>                                                                                                              |
| <input type="checkbox"/> Surgical ties (limb restraints) | <a href="#">Midwest Vet Supply</a> | 272.19041.2                              | <ul style="list-style-type: none"> <li>Secure animal to operating table</li> </ul>                                                                                                                                                                     |

## Disposable Supplies

### For use in OR/Surgery

Surgery-specific items and recommended quantities are listed further based on surgery and device type.

| Item Name                                                              | Vendor                   | Part Number                    | Notes                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------|--------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Bair Hugger blanket                           | <a href="#">Covetrus</a> | Small: 050055<br>Large: 050054 | <ul style="list-style-type: none"> <li>• Keep animal warm during surgery</li> <li>• Multiple size options</li> </ul>                                                                                                                       |
| <input type="checkbox"/> Disposable light handle covers                | <a href="#">Medline</a>  | DYNJLHS1                       |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Eye lubricant                                 | <a href="#">Covetrus</a> | 062143                         | <ul style="list-style-type: none"> <li>• Keeps eyes lubricated during surgery</li> </ul>                                                                                                                                                   |
| <input type="checkbox"/> Isoflurane inhalant anesthesia                | <a href="#">Covetrus</a> | 029405                         |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Lidocaine (2%)                                | <a href="#">Covetrus</a> | 002468                         | <ul style="list-style-type: none"> <li>• Dilates vessels &amp; prevents vasospasm</li> </ul>                                                                                                                                               |
| <input type="checkbox"/> Phenylephrine HCl injection, 10mg/mL (25x1mL) | <a href="#">Covetrus</a> | 065761                         | <ul style="list-style-type: none"> <li>• Helps treat hypotension during surgical procedures</li> </ul>                                                                                                                                     |
| <input type="checkbox"/> Regel syringe                                 | <a href="#">DSI</a>      | 276-0039-001                   | <ul style="list-style-type: none"> <li>• Includes 5 single-use syringes</li> <li>• Required for all pressure devices</li> <li>• Single-use syringe= 1 required per device</li> <li>• Contact your sales representative to order</li> </ul> |

## Cleaning Materials and PPE

| Item Name                                          | Vendor                   | Part Number | Notes                                                                                                                                                                  |
|----------------------------------------------------|--------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Chlorhexidine scrub 4%    | <a href="#">Covetrus</a> | 055480      | <ul style="list-style-type: none"> <li>• Proven to be more effective than betadine</li> <li>• Do not use on implants</li> </ul>                                        |
| <input type="checkbox"/> Chlorhexidine solution 2% | <a href="#">Covetrus</a> | 055481      | <ul style="list-style-type: none"> <li>• Spray a small amount on animal's skin after cleaning and before starting surgery</li> <li>• Do not use on implants</li> </ul> |
| <input type="checkbox"/> Instrument lube spray     | <a href="#">Covetrus</a> | 004911      | <ul style="list-style-type: none"> <li>• Keeps instruments lubricated and prevents rusting</li> </ul>                                                                  |
| <input type="checkbox"/> Isopropyl alcohol, 70%    | <a href="#">Covetrus</a> | 012186      | <ul style="list-style-type: none"> <li>• Do not use on implants</li> </ul>                                                                                             |
| <input type="checkbox"/> Kool Lube clipper spray   | <a href="#">Covetrus</a> | 003458      | <ul style="list-style-type: none"> <li>• Use frequently to maintain integrity of the blade</li> <li>• Helps prevent overheating</li> </ul>                             |

| Item Name                                                  | Vendor                   | Part Number                     | Notes                                                                                                |
|------------------------------------------------------------|--------------------------|---------------------------------|------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Rescue AHP TB cleaner             | <a href="#">Covetrus</a> | Wipes: 058517<br>Liquid: 058281 | <ul style="list-style-type: none"> <li>• Safe to use on plexiglass and most hard surfaces</li> </ul> |
| <input type="checkbox"/> Sterile saline (1L bottle)        | <a href="#">Medline</a>  | DYND500MLW                      |                                                                                                      |
| <input type="checkbox"/> Surgical gown (XL)                | <a href="#">Medline</a>  | DYNJP2002                       | <ul style="list-style-type: none"> <li>• Non-reinforced</li> <li>• Comes with a towel</li> </ul>     |
| <input type="checkbox"/> Surgical scrub brush with 3% PCMX | <a href="#">Covetrus</a> | 042031                          | <ul style="list-style-type: none"> <li>• Use to clean hands prior to surgery</li> </ul>              |

## Suture Recommendations

There are many types of suture material that are acceptable for use. Silk suture is not recommended due to its inflammatory properties. Please see DSI's [Large Animal Suture Materials and Size Recommendations](#) tech note in the [DSI Support Center](#) for more information.

## Device Returns and Exchanges

All products returned to DSI must be cleaned and decontaminated. DSI only recommends cold sterilization. Please see DSI's [Cleaning and Re-sterilization of DSI Implants](#) technical note on the [Support Center](#) for more information

| Item Name                                    | Vendor                            | Part Number                                      | Notes                                                                                                                                                                               |
|----------------------------------------------|-----------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Enzymatic detergent | <a href="#">Fisher Scientific</a> | Tergazyme: 16-000-115<br>Haemol-Sol NS: 23721050 | <ul style="list-style-type: none"> <li>• Cleans devices - does not sterilize</li> <li>• Removes blood, serum proteins, tissue debris</li> </ul>                                     |
| <input type="checkbox"/> Cold sterilant      | <a href="#">Steris</a>            | Spor-Klenz RTU: 6525M2                           | <ul style="list-style-type: none"> <li>• Sterilizes devices</li> <li>• Devices must be clean of all gross debris prior to use</li> <li>• Available in 4 x 850 mL bottles</li> </ul> |

## Large Animal BP/ECG/Respiratory (M11, L11, L11R)

Not all instruments are required for each surgical approach. It is up to the surgeon to determine which instrument, size and quantity is most appropriate for the species, size of the animals being used and number of surgeons performing the surgery.

\* There are many types of suture material that are acceptable for use. Silk suture is not recommended due to its inflammatory properties. Please see DSI's [Large Animal Suture Materials and Size Recommendations](#) tech note in the [DSI Support Center](#) for more information.

### Instruments and Equipment

| Item Name                                                 | Quantity | Vendor                             | Part Number  | Notes                                     |
|-----------------------------------------------------------|----------|------------------------------------|--------------|-------------------------------------------|
| <input type="checkbox"/> Forceps - Adson-Brown            | 2-3      | <a href="#">Medline</a>            | MDS1019912   |                                           |
| <input type="checkbox"/> Forceps - Babcock                | 3-4      | <a href="#">Medline</a>            | MDS6416016   | • Use for subperitoneal pocket retraction |
| <input type="checkbox"/> Forceps - Baby Mixer, curved     | 1        | <a href="#">Medline</a>            | MIL7210      | • Use for isolating vessels               |
| <input type="checkbox"/> Forceps - Debakey                | 2        | <a href="#">Medline</a>            | MDS1130820   |                                           |
| <input type="checkbox"/> Forceps - Tissue, with teeth     | 1        | <a href="#">Medline</a>            | MDS1012215   |                                           |
| <input type="checkbox"/> Forceps - Vessel cannulation     | 1        | <a href="#">Fine Science Tools</a> | 11282-11     | • Use for handling pressure catheters     |
| <input type="checkbox"/> Forceps - Vessel dilator, angled | 2        | <a href="#">Fine Science Tools</a> | 00276-13     |                                           |
| <input type="checkbox"/> Hemostats – Mosquito, curved     | 2-3      | <a href="#">Medline</a>            | MDS1222114   |                                           |
| <input type="checkbox"/> Hemostats – Mosquito, straight   | 2-3      | <a href="#">Medline</a>            | MDS1222014   |                                           |
| <input type="checkbox"/> Hemostats - Micro Mosquito       | 1        | <a href="#">Fine Science Tools</a> | 13010-12     | • Use for exteriorizing leads/antenna     |
| <input type="checkbox"/> Hemostats – Rochester-Carmalt    | 1        | <a href="#">Medline</a>            | MDS1234020   | • Use for tunneling antenna               |
| <input type="checkbox"/> Measuring tape                   | 1        | <a href="#">Medline</a>            | DYNJTMEASURE | • Use when placing respiratory leads      |

| Item Name                                                 | Quantity | Vendor                                    | Part Number                                                  | Notes                                                                 |
|-----------------------------------------------------------|----------|-------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------|
| <input type="checkbox"/> Metal sponge bowl                | 1        | <a href="#">McKesson</a>                  | 43-1-013                                                     | • Use for sterile saline and hydrating device                         |
| <input type="checkbox"/> Needle holder – Mayo-Hegar, 5.5” | 2        | <a href="#">Medline</a>                   | MDS2418014                                                   |                                                                       |
| <input type="checkbox"/> Retractor - Army-Navy            | 1        | <a href="#">Medline</a>                   | MDS1813121                                                   |                                                                       |
| <input type="checkbox"/> Retractor - Balfour              | 1        | <a href="#">Medline</a>                   | Small: MDS1876690<br>Large: MDS1891810                       | • Use to access the chest via the diaphragm                           |
| <input type="checkbox"/> Retractor - Gelpi                | 1-2      | <a href="#">Medline</a>                   | Small: MDS1880209<br>Medium: MDS1880214<br>Large: MDS1880218 | • Use for retraction with deep vessels<br>• Size dependent on species |
| <input type="checkbox"/> Retractor - Weitlaner            | 1-2      | <a href="#">Medline</a>                   | MDS1865110                                                   | • Use for blunt retraction                                            |
| <input type="checkbox"/> Scalpel blade handles            | 2        | <a href="#">Fine Science Tools</a>        | Various                                                      | • Depends on blade number                                             |
| <input type="checkbox"/> Scissors - Mayo                  | 1        | <a href="#">Medline</a>                   | MDS0816014                                                   | • Use for drape cutting                                               |
| <input type="checkbox"/> Scissors - Metzenbaum            | 2        | <a href="#">Medline</a>                   | MDS0828715                                                   |                                                                       |
| <input type="checkbox"/> Towel clamps                     | 4-6      | <a href="#">Medline</a>                   | MDS1411109F                                                  |                                                                       |
| <input type="checkbox"/> Trocar                           | 1        | <a href="#">SAI Infusion Technologies</a> | TRO-7B-18                                                    | • Use for tunneling catheters and leads                               |
| <input type="checkbox"/> Vein pick                        | 1        | <a href="#">SAI Infusion Technologies</a> | VP-10                                                        |                                                                       |
| <input type="checkbox"/> Wire cutter                      | 2        | <a href="#">Medline</a>                   | MDS0883112                                                   |                                                                       |

## Disposable Supplies

| Item Name                                            | Quantity  | Vendor                   | Part Number                        | Notes                                                                                                                                                                                                                                      |
|------------------------------------------------------|-----------|--------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Drape                       | 2         | <a href="#">Covetrus</a> | Bulk: 010408<br>Individual: 050471 | <ul style="list-style-type: none"> <li>• 1 for patient, 1 for table</li> <li>• Multiple options available</li> </ul>                                                                                                                       |
| <input type="checkbox"/> Gauze - 4x4" (10x10cm)      | 15-20     | <a href="#">Covetrus</a> | 009716                             | <ul style="list-style-type: none"> <li>• Non-sterile, must be sterilized prior to use in surgery</li> </ul>                                                                                                                                |
| <input type="checkbox"/> GLUture                     | 1         | <a href="#">Covetrus</a> | 034418                             |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Ioban (13x13")              | 2/animal  | <a href="#">Covetrus</a> | 006559                             | <ul style="list-style-type: none"> <li>• Additional sizes available</li> </ul>                                                                                                                                                             |
| <input type="checkbox"/> Laparotomy sponges (12x12") | 1 package | <a href="#">Medline</a>  | MDS251512LF                        | <ul style="list-style-type: none"> <li>• Use if accessing the diaphragm</li> </ul>                                                                                                                                                         |
| <input type="checkbox"/> Needle - 14g                | 1         | <a href="#">Covetrus</a> | 002075                             |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Needle - 18g                | 1         | <a href="#">Covetrus</a> | 000238                             |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Needle counter              | 1         | <a href="#">Medline</a>  | DYNJNC10FZZ                        |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Regel syringe               | 1/device  | <a href="#">DSI</a>      | 276-0039-001                       | <ul style="list-style-type: none"> <li>• Includes 5 single-use syringes</li> <li>• Required for all pressure devices</li> <li>• Single-use syringe= 1 required per device</li> <li>• Contact your sales representative to order</li> </ul> |
| <input type="checkbox"/> Scalpel - #10, retractable  | 1         | <a href="#">Medline</a>  | MIL4510                            | <ul style="list-style-type: none"> <li>• Use on skin</li> </ul>                                                                                                                                                                            |
| <input type="checkbox"/> Scalpel - #15, retractable  | 1         | <a href="#">Medline</a>  | MIL4515                            | <ul style="list-style-type: none"> <li>• Use on internal tissue layers</li> </ul>                                                                                                                                                          |
| <input type="checkbox"/> Syringe - 3cc               | 1         | <a href="#">Covetrus</a> | 040848                             |                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Ruler                       | 1         | <a href="#">Medline</a>  | DYNJTMEASURE                       |                                                                                                                                                                                                                                            |

## Large Animal LVP (L21)

Not all instruments are required for each surgical approach. It is up to the surgeon to determine which instrument, size and quantity is most appropriate for the species, size of the animals being used and number of surgeons performing the surgery.

\* There are many types of suture material that are acceptable for use. Silk suture is not recommended due to its inflammatory properties. Please see DSI's [Large Animal Suture Materials and Size Recommendations](#) tech note in the [DSI Support Center](#) for more information.

## Instruments and Equipment

| Item Name                                                 | Quantity | Vendor                             | Part Number | Notes                                         |
|-----------------------------------------------------------|----------|------------------------------------|-------------|-----------------------------------------------|
| <input type="checkbox"/> Forceps - Adson-Brown            | 2-3      | <a href="#">Medline</a>            | MDS1019912  |                                               |
| <input type="checkbox"/> Forceps - Babcock                | 3-4      | <a href="#">Medline</a>            | MDS6416016  | • Use for subperitoneal pocket retraction     |
| <input type="checkbox"/> Forceps - Baby Mixter, curved    | 1        | <a href="#">Medline</a>            | MIL7210     | • Use for isolating vessels                   |
| <input type="checkbox"/> Forceps - Debakey                | 2        | <a href="#">Medline</a>            | MDS1012215  |                                               |
| <input type="checkbox"/> Forceps - Tissue, with teeth     | 1        | <a href="#">Fine Science Tools</a> | 11282-11    |                                               |
| <input type="checkbox"/> Forceps - Vessel cannulation     | 1        | <a href="#">Fine Science Tools</a> | 00276-13    | • Use for handling pressure catheters         |
| <input type="checkbox"/> Forceps - Vessel dilator, angled | 2        | <a href="#">Medline</a>            | MDS1222114  |                                               |
| <input type="checkbox"/> Hemostats – Mosquito, curved     | 2-3      | <a href="#">Medline</a>            | MDS1222014  |                                               |
| <input type="checkbox"/> Hemostats – Mosquito, straight   | 2-3      | <a href="#">Fine Science Tools</a> | 13010-12    |                                               |
| <input type="checkbox"/> Hemostats - Micro Mosquito       | 1        | <a href="#">Medline</a>            | MDS1234020  | • Use for exteriorizing leads/antenna         |
| <input type="checkbox"/> Hemostats – Rochester-Carmalt    | 1        | <a href="#">Medline</a>            | MDS1019912  | • Use for tunneling antenna                   |
| <input type="checkbox"/> Metal sponge bowl                | 1        | <a href="#">McKesson</a>           | 43-1-013    | • Use for sterile saline and hydrating device |
| <input type="checkbox"/> Needle holder - Castroviejo      | 1        | <a href="#">Fine Science Tools</a> | 12565-14    |                                               |

| Item Name                                                 | Quantity | Vendor                                    | Part Number                                                  | Notes                                                                                                                                                                                                              |
|-----------------------------------------------------------|----------|-------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Needle holder – Mayo-Hegar, 5.5” | 2        | <a href="#">Medline</a>                   | MDS2418014                                                   |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Retractor - Army-Navy            | 1        | <a href="#">Medline</a>                   | MDS1813121                                                   |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Retractor - Balfour              | 1        | <a href="#">Medline</a>                   | Small: MDS1876690<br>Large: MDS1891810                       | <ul style="list-style-type: none"> <li>• Use to access the chest via the diaphragm</li> <li>• Use small for NHP and small canines or swine</li> <li>• Large is suitable for larger canines and swine</li> </ul>    |
| <input type="checkbox"/> Retractor - Finochietto          | 1        | <a href="#">Medline</a>                   | Small: MDS5621475<br>Large: MDS5621020                       | <ul style="list-style-type: none"> <li>• Use to access chest via thoracotomy</li> <li>• Small is suitable for NHP and small canines and swine</li> <li>• Large is suitable for larger canines and swine</li> </ul> |
| <input type="checkbox"/> Retractor - Gelpi                | 1-2      | <a href="#">Medline</a>                   | Small: MDS1880209<br>Medium: MDS1880214<br>Large: MDS1880218 | <ul style="list-style-type: none"> <li>• Use for retraction with deep vessels</li> </ul>                                                                                                                           |
| <input type="checkbox"/> Retractor - Weitlaner            | 1-2      | <a href="#">Medline</a>                   | MDS1865110                                                   | <ul style="list-style-type: none"> <li>• Use for blunt retraction</li> </ul>                                                                                                                                       |
| <input type="checkbox"/> Scalpel blade handles            | 2        | <a href="#">Fine Science Tools</a>        | Various                                                      | <ul style="list-style-type: none"> <li>• Depends on blade number</li> </ul>                                                                                                                                        |
| <input type="checkbox"/> Scissors - Mayo                  | 1        | <a href="#">Medline</a>                   | MDS0816014                                                   | <ul style="list-style-type: none"> <li>• Use for drape cutting</li> </ul>                                                                                                                                          |
| <input type="checkbox"/> Scissors - Metzenbaum            | 2        | <a href="#">Medline</a>                   | MDS0828715                                                   |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Towel clamps                     | 6        | <a href="#">Medline</a>                   | MDS1411109F                                                  |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Trocar                           | 1        | <a href="#">SAI Infusion Technologies</a> | TRO-7B-18                                                    | <ul style="list-style-type: none"> <li>• Use for tunneling catheters and leads</li> </ul>                                                                                                                          |
| <input type="checkbox"/> Vein pick                        | 1        | <a href="#">SAI Infusion Technologies</a> | VP-10                                                        |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Wire cutter                      | 2        | <a href="#">Medline</a>                   | MDS0883112                                                   |                                                                                                                                                                                                                    |
| <input type="checkbox"/> Ventilator                       | 1        | <a href="#">DRE Veterinary</a>            | 11386                                                        | <ul style="list-style-type: none"> <li>• Required for open chest procedures</li> </ul>                                                                                                                             |

## Disposable Supplies

| Item Name                                            | Quantity  | Vendor                   | Part Number                                              | Notes                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-----------|--------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Drape                       | 2         | <a href="#">Covetrus</a> | Bulk: 010408<br>Individual: 050471                       | <ul style="list-style-type: none"> <li>• 1 for patient, 1 for table</li> <li>• Multiple options available</li> </ul>                                                                                                                                                                                  |
| <input type="checkbox"/> Gauze - 4x4" (10x10cm)      | 15-20     | <a href="#">Covetrus</a> | 009716                                                   | <ul style="list-style-type: none"> <li>• Non-sterile, must be sterilized prior to use in surgery</li> </ul>                                                                                                                                                                                           |
| <input type="checkbox"/> GLUture                     | 1         | <a href="#">Covetrus</a> | 034418                                                   |                                                                                                                                                                                                                                                                                                       |
| <input type="checkbox"/> Ioban (13x13")              | 2/animal  | <a href="#">Covetrus</a> | 006559                                                   | <ul style="list-style-type: none"> <li>• Additional sizes available</li> </ul>                                                                                                                                                                                                                        |
| <input type="checkbox"/> Laparotomy sponges (12x12") | 1 package | <a href="#">Medline</a>  | MDS251512LF                                              | <ul style="list-style-type: none"> <li>• Use if accessing the diaphragm</li> </ul>                                                                                                                                                                                                                    |
| <input type="checkbox"/> Needle - 14g                | 2         | <a href="#">Covetrus</a> | 002075                                                   |                                                                                                                                                                                                                                                                                                       |
| <input type="checkbox"/> Needle - 18g                | 1         | <a href="#">Covetrus</a> | 000238                                                   |                                                                                                                                                                                                                                                                                                       |
| <input type="checkbox"/> Needle counter              | 1         | <a href="#">Medline</a>  | DYNJNC10FZZ                                              |                                                                                                                                                                                                                                                                                                       |
| <input type="checkbox"/> Nylon 66 cable ties         | 4-6       | Various                  | Various                                                  | <ul style="list-style-type: none"> <li>• Use to approximate ribs during thoracotomy</li> <li>• Sterilize before use in surgery</li> <li>• 1/8" x 7" recommended for NHP</li> <li>• 1/4" x 11" recommended for canine and swine &lt;15kg</li> <li>• 1/3" x 24" recommended for larger swine</li> </ul> |
| <input type="checkbox"/> Red rubber catheter         | 1         | <a href="#">Medline</a>  | 12 Fr: DYND13512<br>20 Fr: DYND13520<br>22 Fr: DYND13520 | <ul style="list-style-type: none"> <li>• Use to withdraw air from thoracic cavity</li> <li>• 12 Fr: Suitable for NHP</li> <li>• 20 Fr: Suitable for canine and swine &lt;15kg</li> <li>• 22 Fr: Suitable for larger swine</li> </ul>                                                                  |
| <input type="checkbox"/> Regel syringe               | 1/device  | <a href="#">DSI</a>      | 276-0039-001                                             | <ul style="list-style-type: none"> <li>• Required for all pressure devices</li> <li>• Single-use syringe= 1 required per device</li> <li>• Contact your sales representative to order</li> </ul>                                                                                                      |
| <input type="checkbox"/> Scalpel - #10, retractable  | 1         | <a href="#">Medline</a>  | MIL4510                                                  | <ul style="list-style-type: none"> <li>• Use on skin</li> </ul>                                                                                                                                                                                                                                       |
| <input type="checkbox"/> Scalpel - #15, retractable  | 1         | <a href="#">Medline</a>  | MIL4515                                                  | <ul style="list-style-type: none"> <li>• Use on internal tissue layers</li> </ul>                                                                                                                                                                                                                     |
| <input type="checkbox"/> Syringe - 3cc               | 1         | <a href="#">Covetrus</a> | 040848                                                   |                                                                                                                                                                                                                                                                                                       |

## Large Animal EEG (L03/L04)

Not all instruments are required for each surgical approach. It is up to the surgeon to determine which instrument, size and quantity is most appropriate for the species, size of the animals being used and number of surgeons performing the surgery.

\* There are many types of suture material that are acceptable for use. Silk suture is not recommended due to its inflammatory properties. Please see DSI's [Large Animal Suture Materials and Size Recommendations](#) tech note in the [DSI Support Center](#) for more information.

## Instruments and Equipment

| Item Name                                               | Quantity | Vendor                              | Part Number | Notes                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------|----------|-------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Dental acrylic curing light    | 1        | <a href="#">Henry Schein Dental</a> | 5703853     | <ul style="list-style-type: none"> <li>• Maxima Curing Light</li> <li>• Cordless</li> <li>• 3000 mW/cm<sup>2</sup></li> <li>• Use for EEG procedures</li> </ul>                                                                                                                            |
| <input type="checkbox"/> Drill (Electric Pen Drive)     | 1        | <a href="#">DePuy Synthes</a>       | 05.001.002  | <ul style="list-style-type: none"> <li>• Drills hole into skull</li> <li>• Various add-ons available. DSI recommends a foot pedal, drill bit holder, and 1.1mm drill bit at minimum</li> <li>• Contact a representative to help determine the appropriate set-up for your needs</li> </ul> |
| <input type="checkbox"/> Forceps - Adson-Brown          | 2-3      | <a href="#">Medline</a>             | MDS1019912  |                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Forceps - Babcock              | 3-4      | <a href="#">Medline</a>             | MDS6416816  | <ul style="list-style-type: none"> <li>• Use for subperitoneal pocket retraction</li> </ul>                                                                                                                                                                                                |
| <input type="checkbox"/> Forceps - Crile                | 1        | <a href="#">Medline</a>             | MDS1225014  |                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Forceps - Debakey              | 2        | <a href="#">Medline</a>             | MDS1130820  |                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Forceps - Tissue, with teeth   | 1        | <a href="#">Medline</a>             | MDS1012215  |                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Hemostats - Mosquito, curved   | 3        | <a href="#">Medline</a>             | MDS1222114  |                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> Hemostats - Mosquito, straight | 3        | <a href="#">Medline</a>             | MDS1222014  |                                                                                                                                                                                                                                                                                            |

| Item Name                                                 | Quantity | Vendor                                    | Part Number                                                  | Notes                                                                                                                                                                      |
|-----------------------------------------------------------|----------|-------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Hemostats - Micro Mosquito       | 1        | <a href="#">Medline</a>                   | MDS1222212                                                   |                                                                                                                                                                            |
| <input type="checkbox"/> Hemostats - Rochester-Carmalt    | 1        | <a href="#">Medline</a>                   | MDS1234020                                                   | <ul style="list-style-type: none"> <li>• Use for tunneling antenna</li> </ul>                                                                                              |
| <input type="checkbox"/> Measuring tape                   | 1        | Various                                   | Various                                                      | <ul style="list-style-type: none"> <li>• Sterilize in EtO before use in surgery due to risk of melting in autoclave</li> <li>• Used for coordinate measurements</li> </ul> |
| <input type="checkbox"/> Metal bowl                       | 1        | <a href="#">Medline</a>                   | DYND05106Z                                                   | <ul style="list-style-type: none"> <li>• Use for sterile saline</li> </ul>                                                                                                 |
| <input type="checkbox"/> Needle Holder – Mayo-Hegar, 5.5” | 2        | <a href="#">Medline</a>                   | MDS2418014                                                   |                                                                                                                                                                            |
| <input type="checkbox"/> Periosteal elevator              | 1-2      | <a href="#">Medline</a>                   | MDS1212371                                                   | <ul style="list-style-type: none"> <li>• Use to remove tissue from the skull and retract, depending on electrode location</li> </ul>                                       |
| <input type="checkbox"/> Retractor - Gelpi                | 2        | <a href="#">Medline</a>                   | Small: MDS1880209<br>Medium: MDS1880214<br>Large: MDS1880218 | <ul style="list-style-type: none"> <li>• Use for retracting tissue on the skull for EEG placement</li> </ul>                                                               |
| <input type="checkbox"/> Retractor - Weitlaner            | 2        | <a href="#">Medline</a>                   | MDS1865110                                                   | <ul style="list-style-type: none"> <li>• Use for blunt retraction</li> </ul>                                                                                               |
| <input type="checkbox"/> Scalpel blade handles            | 2        | <a href="#">Fine Science Tools</a>        | Various                                                      | <ul style="list-style-type: none"> <li>• Depends on blade number</li> </ul>                                                                                                |
| <input type="checkbox"/> Scissors - Mayo,                 | 1        | <a href="#">Medline</a>                   | MDS0816014                                                   | <ul style="list-style-type: none"> <li>• Use for drape cutting</li> </ul>                                                                                                  |
| <input type="checkbox"/> Scissors - Metzenbaum            | 2        | <a href="#">Medline</a>                   | MDS0828715                                                   |                                                                                                                                                                            |
| <input type="checkbox"/> Screwdriver                      | 1        | <a href="#">Protech International</a>     | SD-80                                                        |                                                                                                                                                                            |
| <input type="checkbox"/> Towel clamps                     | 6        | <a href="#">Medline</a>                   | MDS1411109F                                                  |                                                                                                                                                                            |
| <input type="checkbox"/> Trocar                           | 1        | <a href="#">SAI Infusion Technologies</a> | TRO-7B-18                                                    | <ul style="list-style-type: none"> <li>• Use for tunneling leads</li> </ul>                                                                                                |
| <input type="checkbox"/> Wire cutter                      | 2        | <a href="#">Medline</a>                   | MDS0883112                                                   |                                                                                                                                                                            |

## Disposable Supplies

| Item Name                                            | Quantity  | Vendor                                | Part Number                      | Notes                                                                                                                                                                                                                      |
|------------------------------------------------------|-----------|---------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Cotton-tipped applicators   | 20/pack   | <a href="#">Medline</a>               | MDS202055ZZ                      | <ul style="list-style-type: none"> <li>Non-sterile, pack and sterilize before use in surgery</li> </ul>                                                                                                                    |
| <input type="checkbox"/> Drape                       | 2         | <a href="#">Covetrus</a>              | Bulk:010408<br>Individual: 50471 | <ul style="list-style-type: none"> <li>1 for patient, 1 for table</li> <li>Multiple options available</li> </ul>                                                                                                           |
| <input type="checkbox"/> Gauze - 4x4" (10x10cm)      | 15-20     | <a href="#">Covetrus</a>              | 009716                           | <ul style="list-style-type: none"> <li>Non-sterile, must be sterilized prior to use in surgery</li> </ul>                                                                                                                  |
| <input type="checkbox"/> GLUture                     | 1         | <a href="#">Covetrus</a>              | 034418                           |                                                                                                                                                                                                                            |
| <input type="checkbox"/> Ioban (13x13")              | 1-2       | <a href="#">Covetrus</a>              | 006559                           | <ul style="list-style-type: none"> <li>Additional sizes available</li> </ul>                                                                                                                                               |
| <input type="checkbox"/> Laparotomy sponges (12x12") | 1 package | <a href="#">Medline</a>               | MDS251512LF                      | <ul style="list-style-type: none"> <li>Use if accessing the diaphragm</li> </ul>                                                                                                                                           |
| <input type="checkbox"/> Maxcem Elite Cement         | 1         | <a href="#">Henry Schein Dental</a>   | 1231150                          | <ul style="list-style-type: none"> <li>Set includes 4 5-gram dual syringes and automix tips</li> <li>Mixing tips need to be sterilized before use in surgery</li> <li>May need to provide licensure to purchase</li> </ul> |
| <input type="checkbox"/> Needle - 30g                | 3         | <a href="#">Medline</a>               | B-D305106Z                       | <ul style="list-style-type: none"> <li>Use as coordinate marker for perimeter locations where skull is not easily accessed</li> </ul>                                                                                      |
| <input type="checkbox"/> Needle counter              | 1         | <a href="#">Medline</a>               | DYNJNC10FZZ                      |                                                                                                                                                                                                                            |
| <input type="checkbox"/> Scalpel - #10, retractable  | 1         | <a href="#">Medline</a>               | MIL4510                          | <ul style="list-style-type: none"> <li>Use on skin</li> </ul>                                                                                                                                                              |
| <input type="checkbox"/> Scalpel - #15, retractable  | 1         | <a href="#">Medline</a>               | MIL4515                          | <ul style="list-style-type: none"> <li>Use on internal tissue layers</li> </ul>                                                                                                                                            |
| <input type="checkbox"/> Screws                      | Varies    | <a href="#">Protech International</a> | 0-80 x 3/16                      | <ul style="list-style-type: none"> <li>Anchors EEG leads in place</li> <li>4.8mm length, 1.57mm shaft diameter</li> <li>Quantity depends on desired endpoints</li> </ul>                                                   |
| <input type="checkbox"/> Surgical Marker             | 1         | <a href="#">Medline</a>               | DYNJSM02                         | <ul style="list-style-type: none"> <li>Use for marking skull coordinates</li> </ul>                                                                                                                                        |

## Large Animal Temperature/Activity (M00)

Not all instruments are required for each surgical approach. It is up to the surgeon to determine which instrument, size and quantity is most appropriate for the species, size of the animals being used and number of surgeons performing the surgery.

\* There are many types of suture material that are acceptable for use. Silk suture is not recommended due to its inflammatory properties. Please see DSI's [Large Animal Suture Materials and Size Recommendations](#) tech note in the [DSI Support Center](#) for more information.

## Instruments and Equipment

| Item Name                                                 | Quantity | Vendor                             | Part Number | Notes                                     |
|-----------------------------------------------------------|----------|------------------------------------|-------------|-------------------------------------------|
| <input type="checkbox"/> Forceps - Adson-Brown            | 1-2      | <a href="#">Medline</a>            | MDS1019912  |                                           |
| <input type="checkbox"/> Forceps - Babcock                | 3-4      | <a href="#">Medline</a>            | MDS6416816  | • Use for subperitoneal pocket retraction |
| <input type="checkbox"/> Forceps - Debakey                | 1        | <a href="#">Medline</a>            | MDS1130820  |                                           |
| <input type="checkbox"/> Forceps - Tissue, with teeth     | 1        | <a href="#">Medline</a>            | MDS1012215  |                                           |
| <input type="checkbox"/> Hemostats - Rochester-Carmalt    | 1        | <a href="#">Medline</a>            | MDS1234020  | • Use for tunneling antenna               |
| <input type="checkbox"/> Hemostats - Mosquito, curved     | 2-3      | <a href="#">Medline</a>            | MDS1222114  |                                           |
| <input type="checkbox"/> Hemostats - Mosquito, straight   | 2-3      | <a href="#">Medline</a>            | MDS1222014  |                                           |
| <input type="checkbox"/> Metal sponge bowl                | 1        | <a href="#">McKesson</a>           | 43-1-013    | • Use for sterile saline                  |
| <input type="checkbox"/> Needle holder – Mayo-Hegar, 5.5” | 2        | <a href="#">Medline</a>            | MDS2418014  |                                           |
| <input type="checkbox"/> Scalpel blade handles            | 2        | <a href="#">Fine Science Tools</a> | Various     | • Depends on blade number                 |
| <input type="checkbox"/> Scissors - Mayo                  | 1        | <a href="#">Medline</a>            | MDS0816014  | • Use for drape cutting                   |

| Item Name                                      | Quantity | Vendor                  | Part Number | Notes                                                                      |
|------------------------------------------------|----------|-------------------------|-------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> Scissors - Metzenbaum | 2        | <a href="#">Medline</a> | MDS0828715  |                                                                            |
| <input type="checkbox"/> Towel clamps          | 2        | <a href="#">Medline</a> | MDS1411109F |                                                                            |
| <input type="checkbox"/> Wire cutter           | 1        | <a href="#">Medline</a> | MDS0883112  | <ul style="list-style-type: none"> <li>• Use for cutting suture</li> </ul> |

## Disposable Supplies

| Item Name                                           | Quantity | Vendor                   | Part Number                        | Notes                                                                                                                |
|-----------------------------------------------------|----------|--------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Drape                      | 2        | <a href="#">Covetrus</a> | Bulk: 010408<br>Individual: 050471 | <ul style="list-style-type: none"> <li>• 1 for patient, 1 for table</li> <li>• Multiple options available</li> </ul> |
| <input type="checkbox"/> Gauze - 4x4" (10x10cm)     | 15-20    | <a href="#">Covetrus</a> | 009716                             | <ul style="list-style-type: none"> <li>• Non-sterile, must be sterilized prior to use in surgery</li> </ul>          |
| <input type="checkbox"/> GLUture                    | 1        | <a href="#">Covetrus</a> | 034418                             |                                                                                                                      |
| <input type="checkbox"/> Ioban (13x13")             | 1        | <a href="#">Covetrus</a> | 006559                             |                                                                                                                      |
| <input type="checkbox"/> Needle counter             | 1        | <a href="#">Medline</a>  | DYNJNC10FZZ                        |                                                                                                                      |
| <input type="checkbox"/> Scalpel - #10, retractable | 1        | <a href="#">Medline</a>  | MIL4510                            | <ul style="list-style-type: none"> <li>• Use on skin</li> </ul>                                                      |
| <input type="checkbox"/> Scalpel - #15, retractable | 1        | <a href="#">Medline</a>  | MIL4515                            | <ul style="list-style-type: none"> <li>• Use on internal tissue layers</li> </ul>                                    |