**Technical Basics**

**Audio Script**

**Date 09/06/2017**

**Notes for Audio artist**:

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| **Slide** | **Pronunciation Key** | **Script** |
| 4 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  DePuy Synthes offers Power Tools with three different power sources:   * Battery Powered * Electric Powered * Pneumatic Powered   **<IAX>**  Click each image to learn more. |
| 5 | 1. Audio missing from Narrator side. 2. Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  The DePuy Synthes aseptic transfer battery technology is one of our key selling arguments. The reason for it is the longer life expectancy from unsterile batteries compared to sterilized batteries.  **<AX2>**  To better understand the principles of our battery power tools, let us therefore take a closer look at it. |
| 10 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  DePuy Synthes offers three different battery driven Power Tools:   * The Battery Power Line II * The Trauma Recon System * And the Colibri II   Each system has its own battery.  **<IAX>**  *Click each image to learn more.* |
| 19 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  DePuy Synthes mainly offers unsterile batteries for aseptic transfer.  To ensure sterility, the battery is inserted into the Power Tool by two people; one of them is wearing sterile garments. The sterile cover prevents the unsterile battery from coming into contact with the sterile battery casing.  **<AX2>**   1. The sterile person holds the open, sterile battery casing with the open side up. 2. The sterile person places the sterile cover on the battery casing and checks if it is seated correctly. The sterile cover ensures that the unsterile battery does not contact the outside of the sterile battery casing. 3. The unsterile person, not wearing sterile garments, carefully inserts the unsterile battery through the sterile cover into the battery casing. Press firmly onto the battery to ensure that it is correctly seated in the battery casing. During insertion ensure that the battery is properly aligned and the unsterile person does not touch the outside of the sterile battery casing. 4. The unsterile person grasps the flanges on the sterile cover and removes it from the battery casing. 5. The sterile person closes the battery casing without touching the inner content of the casing or the battery. |
| 20 | 1. Audio missing AX2 from narrator side. 2. Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  Sterilizable batteries are first charged, then sterilised and only then ready for re-use.  **<AX2>**  Unsterile batteries, on the other hand, are charged and then directly put into the handpiece with a well-established procedure as you learned before. Unsterile batteries have many advantages compared to sterile batteries. DePuy Synthes therefore only offers unsterilizable batteries for aseptic transfer.    Please work through this slide and proceed when ready. |
| 22 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  The Universal Battery Charger II can charge and maintain all DePuy Synthes batteries:    The charger has the following features:   * It has 4 bays to charge 4 batteries at the same time * Charging of TRS, Colibri , Colibri II, Battery Power Line and Battery Power Line II batteries is possible in any combination * Condition-Check + “Refreshing“ of Colibri / BPL batteries is possible * Condition-Check of Colibri II, BPL II and TRS Power Module is possible * The charger will be compatible with next generation batteries. * Further, it is IEC 60601-1 (Ed 3.1) compliant: The device may be used in the non-sterile part of the operating room. |
| 24 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  The DePuy Synthes electric technology offers constant power throughout surgical procedures.    To better understand the principles of our electric technology, let us take a closer look at it. |
| 25 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  DePuy Synthes offers different electric driven Power Tools:   * Electric Pen Drive * Anspach EG1 * Anspach eMax 2 Plus |
| 30 | Wrong Pronunciation of “DePuy Synthes” | **<AX1>**  Depuy Synthes offers three different pneumatic driven Power Tools:   * Compact Air Drive II * Air Pen Drive * And Anspach XMax |
| 33 | Wrong Pronunciation of “DePuy Synthes” | **<IAX>**  Click each part to learn more.  **<AX1>**  Only compressed medical air or nitrogen should be used, never use oxygen, there is danger of fire or explosion!  **<AX2>**  DePuy Synthes offer air hoses with a Synthes coupling, BOC/Schrader coupling and Draeger coupling  **<AX3>**  The air hose from the air supply is usually 3m or 5m long. It is possible to couple air hoses together. However, the total length should not be more than 8m as the pressure will be too low. Further the hoses can be washed and sterilized according to the Instruction for Use.  **<AX4>**  To use a pneumatic system, the Power Tool has to be connected with the coupling side of the hose. |
| 34 | Red highlighted word pronunciation is wrong. word “as” read “and”. this should be as. | Double air hoses are the current standard. They consist of an inner hose, bringing the air from the air supply to the Power Tool (here in blue), and an outer hose, bringing the air back from the Power Tool to the air supply (here in red). By using double air hoses, no non-sterile air leaves the Power Tool close to the patient as it is brought back to the non-sterile area. |