Introduction
These instructions will help you select the most appropriate Sophono Attract® Magnetic Spacer for your patient. The Magnetic Retention Scale will allow you to accurately determine which is the best magnetic spacer.

WARNING
Excessive, long-term use of magnetic spacers that are too strong may lead to pain and or pressure necrosis for the patient. Always recommend to the patient the lowest magnetic strength spacer that provides sufficient retention.

Attract Magnetic Spacers
Spacers are available in a range of magnetic strengths. They are labeled with “dots” to note the magnetic strength (1-dot represents a lower magnetic strength; 5-dot represents a higher magnetic strength). The strength is also indicated by the first digit in the engraved numbers (as shown in Photo #1). Typically a processor is shipped with five spacers (dots 1 through 5). Other spacers (both weaker and stronger) are available by special order. Please contact your Sophono representative for further information.

Calibration
Calibrate the retention scale to ensure its accuracy in the following way:

- Suspend the weight from the retention scale as shown in Photo #2.
- The correct orientation of the weight is shown in Photo #3 with the small magnet (A) at the top.
- The retention scale is correctly calibrated if the indicator (B) is aligned with the 1 Newton position (C), the Black Line as shown in Photo #4.

If the retention scale is out of calibration, please request a replacement retention scale from your Sophono representative.
Attract Magnetic Spacer Selection

Choose the Attract spacer that has the least magnetic strength and yet is securely attached to the head. This will ensure that the processor remains securely and comfortably in place.

Follow the instructions below to determine the correct magnetic spacer for the patient. Start with a low strength spacer (1-dot) and repeat this process with higher strength magnetic spacers if necessary.

- Ensure the patient's head is in a natural, upright position.
- Place a spacer on the patient's head in the location of the implant. Rotate the spacer 360 degrees until you feel both magnets of the spacer align and "click" with the two magnets of the implant. The spacer should then be secure at both ends. This ensures that the strongest magnetic attraction is achieved.
- Check that the engraved text on the spacer is facing out (away from head) as shown in Photo #5.
- Attach the metal disk of the retention scale to the spacer on the patient's head, aligning the hole in the disk with the pin on the spacer.
- Hold the retention scale horizontally and perpendicular to the head (as shown in Photo #6).
- Slowly and gently pull on the retention scale until the spacer is pulled off the patient's head.

- Pay attention to the position of the indicator on the scale.
  - An appropriate magnetic spacer will come away from the head when the indicator is within the white zone (between 1N and 1.5N). This white zone (D) is shown in Photo #7.
  - If the spacer comes off the head before the indicator reaches the white zone, the magnetic spacer may be too weak — check carefully for sufficient processor retention.
  - If the spacer comes off the head after the indicator has left the white zone, the magnetic spacer is too strong. This may cause discomfort, irritation, and possibly skin breakdown.

Spacer for Physical Activity

Ensure that the patient goes home only with the appropriate spacer(s). You may offer a slightly stronger spacer to the patient to wear during physical activity. This stronger spacer should not be worn more than 1 hour per day.

Wearing the Spacer and Processor

Advise the patient to wear the processor and spacer for just a few hours per day initially and to gradually increase usage over a two week period. If the skin becomes irritated or redness appears, the patient should discontinue use until the irritation subsides. Advise the patient to return to your office if the irritation does not subside, so that you may select a weaker spacer.

Review with the patient the instructions included in the processor box and ensure the patient takes the instructions home.

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