



ATS 3000 LOP

INSTRUCTION GUIDE

Single Cuff or Dual Cuff PROCEDURE

The A.T.S. 3000 Automatic Tourniquet System can be operated without the use of the LOP function.

STEP 1:

Note: The Limb Occlusion Pressure (LOP) evaluation sensor is only used to obtain the patient's LOP measurement prior to tourniquet use. Once the LOP measurement is complete, remove the LOP sensor from the patient and store.

Apply cuff to the patient's operative limb prior to surgical prep. Follow institutional cuff application protocol.



STEP 2:

Apply the LOP sensor to the index finger or the second toe on the operative limb in which the tourniquet cuff has been applied. Insert the digit completely into the LOP sensor. Trim nail if necessary.



STEP 3:

With the cuff and sensor applied to the patient, firmly press the corresponding LOP button (red heart icon) to start the LOP determination. The LOP determination will last approximately 30 seconds.



Single Cuff or Dual Cuff PROCEDURE

STEP 4:

Once the LOP has been determined, the tourniquet system will automatically calculate the patient's specific Recommended Tourniquet Pressure (RTP). (The RTP is a combination of the pressure margin and the LOP measurement.)



STEP 5:

The A.T.S. 3000 will not automatically inflate the cuff at the end of the LOP determination. The physician will have the option of accepting or rejecting the RTP provided by the tourniquet system based on the physician's independent clinical judgement. The RTP displayed on the screen after LOP determination becomes the new set point for tourniquet pressure. This can be changed by manually rotating the shuttle knob to the desired pressure setting.



STEP 6:

Once the LOP determination is complete, remove the LOP sensor and store it in the LOP sensor bracket on the front panel of the tourniquet system. Refer to the A.T.S. 3000 Automatic Tourniquet System operator and service manual for LOP cleaning and disinfecting instructions.



STEP 7:

Proceed with surgical prep.



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INSTRUCTION GUIDE

IVRA/Bier Block PROCEDURE

The A.T.S. 3000 Automatic Tourniquet System can be operated without the use of the LOP function.

STEP 1:

Note: The Limb Occlusion Pressure (LOP) evaluation sensor is only used to obtain the patient's LOP measurement prior to tourniquet use. Once the LOP measurement is complete, remove the LOP sensor from the patient and store.

Apply cuff to the patient's operative limb prior to surgical prep. Follow institutional cuff application protocol.



STEP 2:

Apply the LOP sensor to the index finger or the second toe on the operative limb in which the tourniquet cuff has been applied. Insert the digit completely into the LOP sensor. Trim nail if necessary.



STEP 3:

With the cuff and sensor applied to the patient, firmly press the corresponding LOP button (red heart icon) for the main bladder (red port) to start the LOP determination. At the end of the LOP determination for the main bladder, press the corresponding pressure button to accept the RTP. Initiate an LOP determination by pressing the corresponding LOP button (blue heart icon) for the second bladder (blue port). The RTP will appear in the corresponding pressure display area. Compare the pressure from the second bladder to the main bladder. The higher pressure then becomes the set point for both bladders.



IVRA/Bier Block PROCEDURE

STEP 4:

Once the LOP has been determined, the tourniquet system will automatically calculate the patient's specific Recommended Tourniquet Pressure (RTP). (The RTP is a combination of the pressure margin and the LOP measurement.)



STEP 5:

The A.T.S. 3000 will not automatically inflate the cuff at the end of the LOP determination. The physician will have the option of accepting or rejecting the RTP provided by the tourniquet system based on the physician's independent clinical judgement. The RTP displayed on the screen after LOP determination becomes the new set point for tourniquet pressure. This can be changed by manually rotating the shuttle knob to the desired pressure setting.



STEP 6:

Once the LOP determination is complete, remove the LOP sensor and store it in the LOP sensor bracket on the front panel of the tourniquet system. Refer to the A.T.S. 3000 Automatic Tourniquet System operator and service manual for LOP cleaning and disinfecting instructions.



STEP 7:

Proceed with surgical prep.

