HDS Traction Boot Set-up

1. Place the foot into the flexed HDS Traction Boot (AR-6529-06).
2. Place the Instep Pad over the foot and secure the buckle.
3. Place the Toe Pad over the foot and tension the straps before locking the buckle.
4. Place the Shin Pad over the shin and tension the straps before locking the buckle.
5. Tighten the ratchet on the posterior aspect of the HDS Traction Boot.

Ordering Information

Full Build

- Hip Distraction System (HDS) AR-6529S
- Components
  - HDS Patient Platform AR-6529-01
  - HDS Patient Platform Pad AR-6529-02
  - HDS Prep Table AR-6529-03
  - HDS Prep Table Pad AR-6529-04
  - HDS Operative Leg Spars, Long AR-6529-05L
  - HDS Traction Boot, qty. 2 AR-6529-06
  - HDS Perineal Post AR-6529-07
  - HDS Perineal Post Pad AR-6529-08
  - HDS Table Clamp (US), qty. 2 AR-6529-09
  - HDS Table Clamp (EU), qty. 2 AR-6529-10
  - HDS Table Clamp (UK), qty. 2 AR-6529-18
  - HDS Table Clamp (DEN), qty. 2 AR-6529-19
  - HDS Table Clamp (JP), qty. 2 AR-6529-20
- Additional Components
  - HDS Operative Leg Spar Cover AR-6529-12
  - HDS Storage Cart AR-6529-13
  - HDS Stabilizer Leg AR-6529-16
  - HDS Traction Boot Replacement Pads Kit AR-6529-17
  - HDS Perineal Post Pad, Dense AR-6529-21

Single Use Disposables

- Hip Distraction System AR-6529S
- Additional Components
  - Hip Distraction System AR-6529S
- International Rail Clamps
  - HDS Table Clamp (EU), qty. 2 AR-6529-10
  - HDS Table Clamp (UK), qty. 2 AR-6529-18
  - HDS Table Clamp (DEN), qty. 2 AR-6529-19
  - HDS Table Clamp (JP), qty. 2 AR-6529-20
The Hip Distraction System is an advanced limb traction and lower extremity positioning system designed for use during supine arthroscopic procedures of the hip. This next generation hip distraction system includes the most intuitive controls that are clearly marked to facilitate preoperative patient set-up and intraoperative changes in patient positioning, taking the guesswork out of system operation.

The entire system is engineered out of carbon fiber, aluminum and other lightweight and rigid materials that provide maximum rigidity and minimal flex to ensure that joint distraction forces are not lost throughout the length of the system. This also reduces the overall weight to facilitate portability from storage to operating room.

The leg spars each feature identical Teletrac Carriages with gross and fine traction controls that allow fluid movement of the leg through the ranges-of-motion necessary during hip arthroscopy. Hip flexion, extension, abduction and adduction are controlled using the individual operating handles on the ends of each leg spar.

The system can be stored on and transported to the OR using the specially designed cart. The system can be assembled quickly and securely by one person on most standard OR beds with specially designed Clark Rail Adapters.

Features and Benefits, a Closer Look . . .

**Rigid and Lightweight Materials**
- Carbon fiber, aluminum and other lightweight materials contribute to a rigid and manageable system that one person can easily transport and assemble.
- Its rugged construction will withstand multiple assemblies, disassemblies and procedures, providing a long and useful product lifespan.

**Legs Spars with Equal Traction Functionality**
- Facilitates patient positioning and leg traction to adequately and safely balance the pelvis and distribute traction forces equally across the perineal post.
- Both spars feature internal and external controls to facilitate gross traction and fine traction.
- The nonoperative spar allows for abduction and adduction of the leg.
- The operative spar allows for abduction and adduction of the leg, as well as flexion and extension via separate mechanisms.
- Teletrac Carriages on each spar have a wheel system that easily slides over the carbon fiber frame to facilitate adequate gross traction.

**Intuitive Connections and Locking Mechanisms**
- Rigid and secure subcomponent connections easily fit together.
- Locking mechanisms are clearly labeled and function smoothly.
- Actuation levers are clearly labeled and intuitive.

**Stabilizer Leg – Optional Component**
- Pneumatic stabilization option to provide stability to the operative leg spar.
- Features a wheel to allow for movement and placement out-of-range of a C-arm.

**Detachable Traction Boots**
- Ratcheting strap system secures the foot and heel, while preventing “slip-off” and “lift-off”.
- Quick disconnect button allows for removal during surgery to access hip range-of-motion.
- Environmental handles allow the surgeon control when connecting and disconnecting the extremity from the leg spar carriage.

**Unique Perineal Post System**
- The external leg frame concept allows for the operative leg to remain stationary during the operative procedure without violating the sterile field.
- Specially designed Carbon Fiber Post does not require instrument insertion.

**Dedicated Disposable Pad Kit**
- All inclusive kit contains two single use foot boots and one post pad cover, taking up very little storage space.
- Single use foot boot includes simple directions printed on the boot.
- Single use HDS Perineal Post Pad cover slips over the post easily and provides a hygienic and soft option to protect the patients skin from shear forces.

**Detachable Perineal Post**
- Facilitates subcomponent access to the operative leg
- Features a wheel to allow for movement and placement out-of-range of a C-arm.

**Stabilizer Leg – Optional Component**
- Pneumatic stabilization option to provide stability to the operative leg spar.
- Features a wheel to allow for movement and placement out-of-range of a C-arm.

**Unique Perineal Post System**
- The external leg frame concept allows for the operative leg to remain stationary during the operative procedure without violating the sterile field.
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- All inclusive kit contains two single use foot boots and one post pad cover, taking up very little storage space.
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The Hip Distraction System is an advanced limb traction and lower extremity positioning system designed for use during supine arthroscopic procedures of the hip. This next generation hip distraction system includes the most intuitive controls that are clearly marked to facilitate preoperative patient set-up and intraoperative changes in patient positioning, taking the guesswork out of system operation.

The system is engineered out of carbon fiber, aluminum and other lightweight and rigid materials that provide maximum rigidity and minimal flex to ensure that joint distraction forces are not lost throughout the length of the system. This also reduces the overall weight to facilitate portability from storage to operating room.

The leg spars each feature identical Teletrac Carriages with gross and fine traction controls that allow fluid movement of the leg throughout the range of motion necessary during hip arthroscopy. Hip flexion, extension, abduction and adduction are controlled using the individual operating handles on the ends of each leg spar.

Intuitive Connections and Locking Mechanisms
- Rigid and secure subcomponent connections and locking for
- Locking mechanisms are clearly labeled and function smoothly
- Actuation boots are clearly labeled and intuitive

Rigid and Lightweight Materials
- Carbon fiber, aluminum and other lightweight materials contribute to a rigid and manageable system that one person can easily transport and assemble. Its rugged construction will withstand multiple assemblies, disassemblies and procedures, providing a long and useful product lifespan.

Leg Spars with Equal Traction Functionality
- Facilitates patient positioning and leg traction to adequately and safely balance the pelvis and distribute traction forces equally across the perineal post.
- Both spars feature internal and external traction controls and may be moved independently of each other.
- Nonoperative spar allows for abduction and adduction of the leg.
- The Teletrac Carriages on each spar have a wheel system that easily slides over the carbon fiber frame to facilitate adequate gross traction.

Detachable Traction Boots
- Ratcheting strap system secures the foot in the boot, while preventing “slip out” and “lift off.”
- Quick disconnect button allows for removal during surgery to access hip range-of-motion.
- Operative handle allows the user to control flexion and extension by connecting and disconnecting theextremity from the leg spar carriage.

Stabilizer Leg – Optional Component
- Pneumatic stabilization option to provide stability to the operative leg spar.
- Features a wheel to allow movement and placement out-of-range of a C-arm.

Detachable Disposable Pad Kit
- All inclusive foot boot and one post pad cover, taking up very little storage space.
- Single use foot boot includes simple directions printed on the boot.
- Single use HDS Perineal Post Pad cover slips over the boot easily and provides a hygienic and soft option to protect the patient’s skin from shear forces.

Dedicated Disposable Pad Kit
- All inclusive foot boot and one post pad cover, taking up very little storage space.
- Single use foot boot includes simple directions printed on the boot.
- Single use HDS Perineal Post Pad cover slips over the boot easily and provides a hygienic and soft option to protect the patient’s skin from shear forces.
The Hip Distraction System is an advanced limb traction and lower extremity positioning system designed for use during supine arthroscopic procedures of the hip. This next generation hip distraction system includes the most intuitive controls that are clearly marked to facilitate preoperative patient set-up and intraoperative changes in patient positioning, taking the guesswork out of system operation.

The entire system is engineered out of carbon fiber, aluminum and other lightweight and rigid materials that provide maximum rigidity, and minimal flex to ensure that joint distraction forces are not lost throughout the length of the system. This also reduces the overall weight to facilitate portability from storage to operating room.

The leg spars each feature identical Telecarriages with gross and fine traction controls that allow fluid movement of the leg through the ranges of motion necessary during hip arthroscopy. Hip flexion, extension, abduction and adduction are controlled using the individual operating handles on the ends of each leg spar.

Features and Benefits, a Closer Look . . .

**Rigid and Lightweight Materials**
- Carbon fiber, aluminum and other lightweight materials contribute to a rigid and manageable system that one person can easily transport and assemble.
- Its rugged construction will withstand multiple assemblies, disassemblies and procedures, providing a long and useful product lifespan.

**Legs Spars with Equal Traction Functionality**
- Facilitates patient positioning and leg traction to adequately and safely balance the pelvis and distribute traction forces equally across the perineal post.
- Both spars (nonoperative and operative) mirror internal and external leg rotation, dorsiflexion and plantarflexion, gross traction and fine traction.
- The nonoperative spar allows for abduction and adduction of the leg.
- The operative spar allows for abduction and adduction of the leg, as well as flexion and extension via separate mechanisms.
- The Teletrac Carriages on each spar have a wheel system that easily slides over the carbon fiber frame to facilitate adequate gross traction.

**Intuitive Connections and Locking Mechanisms**
- Rigid and secure subcomponent connections easily fit together.
- Locking mechanisms are clearly labeled and function smoothly.
- Actuation levers are clearly labeled and intuitive.

**Detachable Traction Boots**
- Locking system secures the foot safely to the boot, while providing “slip-proof” and “lift-off” features.
- Quick disconnect button allows for removal during surgery to access hip range-of-motion.
- Ornamental handles allow the user full control when connecting and disconnecting the extremity from the leg spar carriage.

**Stabilizer Leg – Optional Component**
- Pneumatic stabilization option to provide stability to the operative leg spar.
- Features a wheel to allow for movement and placement out-of-range of a C-arm.

**Detachable Disposable Pad Kit**
- Materials include two foot boots and one post pad cover, taking up very little storage space.
- Single-use foot boots include simple directions printed on the boot.
- Single-use HDS Perineal Post Pad Cover slips easily over the pad to provide a hygienic and soft option to protect the patient’s skin from shear forces.

**Unique Perineal Post System**
- Allows full visualization from one to both boots and one post pad cover, taking up very little storage space.
- Single-use foot boots include simple directions printed on the boot.
- Single-use HDS Perineal Post Pad Cover slips easily over the pad to provide a hygienic and soft option to protect the patient’s skin from shear forces.

**Intuitive Connections and Locking Mechanisms**
- Rigid and secure subcomponent connections easily fit together.
- Locking mechanisms are clearly labeled and function smoothly.
- Actuation levers are clearly labeled and intuitive.
HDS Traction Boot Set-up

1. Place the foot into the flexed HDS Traction Boot (AR-6529-06).
2. Place the Instep Pad over the foot and secure the buckle.
3. Tighten the ratchet on the posterior aspect of the HDS Traction Boot.
4. Place the Shin Pad over the shin and tension the straps before locking the buckle.
5. Place the Toe Pad over the foot and tension the straps before locking the buckle.

Ordering Information

Full Build

HDS Traction System (HDS) AB-6229-01
HDS Patient Platform AR-6529-01
HDS Prep Table AR-6529-02
HDS Prep Table Pad AR-6529-03
HDS Operative Leg Spine Long AR-6229-01L
HDS Operative Boot, qty. 2 AR-6229-04
HDS Perineal Post AR-6229-05
HDS Perineal Post Pad AR-6229-06
HDS Prep Table, qty. 2 AR-6229-07
HDS Well Leg Spine Long AR-6529-04
HDS Well Leg Spine Adapter AR-6529-10

Additional Components

HDS Operative Boot Cover AR-6529-12
HDS Storage Cart AR-6529-13
HDS Stabilizer Leg AR-6529-16
HDS Traction Boot Replacement Pads Kit AR-6529-17
HDS Perineal Post Pad, Dense AR-6529-21

Single Use Disposables

HDS Hip clans AR-6229-15

International Rail Clamps

HDS Table Clamps EU, qty. 2 AR-6529-18
HDS Table Clamps US, qty. 2 AR-6529-16
HDS Table Clamps DEN, qty. 2 AR-6529-18
HDS Table Clamps JP, qty. 2 AR-6529-20

Advanced solutions for supine hip arthroscopy procedures
Hip Distraction System

Advanced solutions for supine hip arthroscopy procedures

Ordering Information

Full Build

Hip Distraction System (HDS) AR-6529

Components

HDS Patient Platform AR-6529-01
HDS Patient Platform Pad AR-6529-02
HDS Prep Table AR-6529-03
HDS Prep Table Pad AR-6529-04
HDS Operating Leg Span, Long AR-6529-05L
HDS Traction Boot, qty. 2 AR-6529-06
HDS Perineal Post AR-6529-07
HDS Perineal Post Pad AR-6529-08
HDS Table Clamp 4.5”, qty. 2 AR-6529-09
HDS Well Long, Long AR-6529-14L
HDS Well Long, Long Housing AR-6529-15

Additional Components

HDS Operative Leg Spar AR-6529-12
HDS Storage Cart AR-6529-13
HDS Stabilizer Leg AR-6529-16
HDS Traction Boot Replacement Pads Kit AR-6529-17
HDS Perineal Post Pad, Dense AR-6529-21

Single Use Disposables

HDS Disposable Leg AR-6529-15

International Rail Clamps

HDS Table Clamp (EU), qty. 2 AR-6529-10
HDS Table Clamp (UK), qty. 2 AR-6529-18
HDS Table Clamp (DEN), qty. 2 AR-6529-19
HDS Table Clamp (JP), qty. 2 AR-6529-20

Place the foot into the flexed HDS Traction Boot (AR-6529-06).

Place the Instep Pad over the foot and secure the buckle.

Place the shin Pad over the shin and tension the straps before locking the buckle.

Tighten the ratchet on the posterior aspect of the HDS Traction Boot.

Place the Toe Pad over the foot and tension the straps before locking the buckle.

Place the shin Pad over the shin and tension the straps before locking the buckle.