

SCOKJ™ UPDATER

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Want to be a Presenter In Reno?

HORTON'S STANCE CONTROL ORTHOTIC KNEE JOINT: CLINICAL EXPERIENCE AND RESEARCH RESULTS

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Various Qualified practitioners, TBD

We hope you will be able to participate in the **Clinical Experience Workshop**, to be held at the AOPA meeting in Reno, NV on the afternoon of October 25, 2003. In addition to attending this session, we invite you to prepare a brief Case Study about one of the patients you have personally fitted with Horton's SCOKJ® system to be presented during the **Workshop**.

This Clinical Workshop will provide a forum for clinicians to learn, in an informal case study-discussion atmosphere, from colleagues' experiences with Horton's SCOKJ® system. Anyone with an interest in stance control orthoses is welcome to attend. The focus will be on sharing practical ideas and tips from Qualified practitioners who have significant experience with the application of this innovative orthotic technology. Multimedia case studies of adult and pediatric patients with a broad array of diagnoses, using both unilateral and bilateral SCOKJ® KAFOs, will be presented. Problems encountered and how they were overcome will be a primary focus of the discussions. The latest data from objective gait studies of patients using the SCOKJ® will also be summarized, and recent developments to advance SCOKJ® technology will be highlighted.

Our goal is to have at least a dozen practitioners, from all across North America, contribute brief, informal case studies to share their expertise with the colleagues in attendance. Although the specifics are up to each clinician, we suggest providing the following basic information:

Gary Horton Wins The Clinical Creativity Award

Gary Horton, CO has been awarded one of his profession's highest honors, the Clinical Creativity Award, by the American Academy of Orthotist and Prosthetists, a national society of allied healthcare professionals.

Horton, a certified orthotist, has been in the O&P field for more than 25 years and is a Fellow of the American Academy of Orthotist and Prosthetist, a member of the International Society of Orthotists and Prosthetist, and president of the Arkansas Orthotic and Prosthetic Association.

The Clinical Creativity Award recognizes those individuals who demonstrate high levels of creativity in process or device development that improve orthotic and /or prosthetic patient care. He received this award for his work on the Stance - Control Orthotic Knee™

Ankle Activator



Horton Technology Inc is pleased to announce the Ankle Activator. The Ankle Activator consists of a small adapter kit that connects the control rods of the Stance - Control Knee™ to the posterior channel of a Becker Double Action Ankle Joint. The standard Becker spring provides a dorsiflexion assist; two degrees of motion are sufficient to trigger the Stance - Control Knee™ joints. This should be one of the simplest methods to control the joints. The Ankle Activator can be used on an all-metal KAFO, or with a UCBL style KAFO.



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- Patient diagnosis; approximate time since diagnosis
- Prior experience with orthoses, if any
- Current biomechanical deficits, including hip, knee, and ankle muscle strength
- Pertinent work or recreational goals
- Type of SCOKJ® orthosis provided
- Training offered to learn to use the orthosis
- Patient experience and comments after using the orthosis
- Orthotist's evaluation of the effectiveness of the SCOKJ® for this patient

CPO Services, Inc. can assist you in preparing your case study by creating a PowerPoint presentation incorporating an outline, slides, digital photos, and one or two brief video clips that you provide. Please contact Tonya Horton at 866-663-3970 or thorton@stancecontrol.com for more information.

If you are planning to attend the AOPA meeting and would be willing to present a brief [5 minute] case study, please let us know. We are interested in *all* cases, not just the most difficult or unusual. Please email, fax, or phone us with:

1. Contact information [how to reach you]
2. Tentative title
3. Short paragraph explaining the key point[s] from your case study

If you have any questions about this workshop, or about Horton's SCOKJ®, please don't hesitate to contact us. Hope to see you in Reno this fall.

Smart Knee®

At the annual meeting of the American Orthotic & Prosthetic Association [AOPA] in Chicago in October, *Horton Technology, Inc.* unveiled an electronic version of the "Stance Control Orthotic Knee"™ joint. Polio survivor Paul Ellis demonstrated how the "Smart Knee"®, which can be powered for several days by ordinary AA battery cells, enables him to walk up and down ramps safely despite knee paralysis and profound weakness in both legs.

Horton's electronic "Smart Knee"® is currently undergoing final clinical trials in the United States and will be commercially available in early 2004.



Meet Pete



In January 2002, Pete was fit with a Horton Stance Control Orthosis™ on his right leg due to Post Polio syndrome. Due to weakness in his left leg, he has since been fit with another Horton Stance Control Orthosis™ in July 2003, making him a bilateral SCOKJ® wearer.

Here are Pete's comments:

"I live out in the country, and I used to have a brace with drop locks. When using the old brace, trying to get across rocks, walk across the creek, or up and down a hill was a struggle. Now it is a heck of a lot easier to walk on uneven or rough terrain. Anytime you had something uneven or a rough spot in the terrain, it could catch my foot if I didn't get it up high enough, like tall grass for example. To get through any kind of grass that was over a couple of inches high, I really had to lift my leg and swing it or it wouldn't go through. So I had to drag it through with the drop lock. With the Stance Control Orthosis™ I can easily get over it."

"It also seems to be easier on my back, because with the drop locks I had to use my back muscles to raise my hip to swing my leg in order to walk. With the Stance Control Orthosis™ I don't have to do that, so it doesn't hurt my back. It is easier to walk with. It is a more comfortable way to walk."

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Central Fab Now Available

The Central Fabrication Facilities listed below have gone through the special Horton fabrication course and are qualified to fabricate orthoses using the Horton SCOKJ®, for those Qualified Practitioners who do not wish to fabricate their own Stance Control Orthoses™.

Freedom Fabrication Inc.

815 - B North Main St., Havana, FL 32333
1-800-304-3733 Fax: 850-539-4195
Contact Person: Tony Wickman
www.freedomfabrication.com

Horton Technology Inc.

5220 West 12th St., Little Rock, AR. 72204
1-866-663-3970 Fax: 501-666-3548
www.stancecontrol.com

Karl Hager Limb & Brace

10733 - 124 Street, Edmonton, AB (T5M 0H2) / Canada
1-800-387-5053 Fax: 780-452-2752
Contact Person: Frank Hayday CPO(c)
www.khager.com

O and P1

527 Park Lane, Waterloo, IA 50702
1-800-408-3598 Fax: 1-800-408-3595
Contact Person: Dennis Clark
www.oandp1.com

Oregon Orthotic Systems

2280 Three Lakes Rd. SE, Albany, OR. 97322
1-800-566-7522 Fax: 541-967-1891
Contact Person: Kyle Scott
www.oos.com

Otto Bock

Florida Area Fabrication Center
755 Clay Street, Winter Park, FL 32789
1-800-354-5418 Fax: 407-599-79999
Otto Bock Technical Center
14800 28th Ave N, Suite 110, MPLS, MN 55447
1-800-795-8846 Fax: 1-800-810-7994

Scott Orthotic Labs, Inc.

1831 East Mulberry Street Ft. Collins, CO. 80524
Contact Person: Jason Bradshaw, CO
1-800-821-5795 Fax: 970-498-9529
www.scottorthoticlabs.com

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“With the Stance Control Orthosis™ I can bend my knee and still have the stability that I need. From my stand point, my knee would collapse on me if I didn’t have some kind of brace. Now I know that is not unusual, but I had to have a drop lock brace, otherwise I would fall when I tried to walk. With the Stance Control Orthosis™ I get the flexibility of my knee, but I can still count on it to lock when it needs to lock.”

“Now I need one for my left leg. My left leg is starting to collapse and the Stance Control Orthosis™ is by far a better preference to the drop lock. I would not change this brace for the old style. I am thrilled to death with this brace.”

**Have a question for Pete?
E-mail him at
pete@stancecontrol.com,
and we will forward it to him.**

Pete’s wife’s thoughts



Pete, wearing his right SCOKJ®, walks with his wife (summer 2002).

“To walk down a sidewalk together is nice. Before we were unable to walk side by side, because with the lock brace you had to give him enough room to swing his leg. There was never enough room on the sidewalk to do that, so you were always one step behind. Now we are equals. Not one step behind.”

Horton Technology Inc.

Innovations In Orthotics and Prosthetics

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