San Francisco 49ers
PAP-IMI Case Study

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Name: Zack Bronson  
Position: Safety  
Jersey # 31  
Date machine used: 11/27/02-12/5/02  

Player reported Injuries: Broken left foot (screw in left foot), possible nerve damage in left shoulder  

Report:  
In the trial period, Zack used the machine 2 1/4 hours over a period of 8 treatments. During the first minute of his first treatment (6 min), Zack noticed immediate relief of the ache in his left shoulder. He said that he felt it "go right to the spot" of where he had thought he had nerve damage. We both noticed that area had a strong, continuous involuntary muscle spasm, with each pulse of the machine. Although the pulse was a bit discomforting in his area of pain, Zack said noticed immediate relief after the first treatment. The next day, Zack had two treatments (12 min and 18 min). He noted that his shoulder felt "much better" and he wanted to treat the shoulder and his foot today. Again, he noticed significant relief on his shoulder, and noted he "felt it directly in the area of his pain." In the next series of treatments (18 min, 18 min), Zack, said that his shoulder relief was starting to last longer and longer after treatments. He also noted that his foot/ankle area was "a little bit looser" and that he noticed minor pain relief in his foot. We both saw that the involuntary muscle spasms in his shoulder were not as strong as before and his area of pain has been reduced. In his final two treatments (21 min, 21 min), we were able to adjust the machine to a higher setting on his shoulder. This was an important step, as the increase in setting did not increase his discomfort during treatment. He noted that his shoulder was "feeling great" and he would like to stick with the treatments. Zack and I could plainly see that the shoulder was spiraling far less than when the treatments began, and that his shoulder relief is significant. He also noted that he only had "a little pain" in his foot.  

Overview:  
When Zack was first introduced to the machine, he seemed very skeptical. He was willing to try it because a few other players had told him that they had noticed relief from the machine. In a little over a week, Zack became a big believer in the machine. He was very excited to find something that "found" his area of pain, and he could feel it working directly on the area. He became a big proponent of the machine, and brought other players in for treatment. Even his attitude seemed to improve, as he seemed to feel as though he found something to help get him back on the field quicker.
Abdominal / Hip pain; Dislocated elbow

Tony Parrish

Name: Tony Parrish
Position: Safety
Jersey # 33
Date machine used: 11/19/02-12/5/02

Player reported Injuries: Abdominal/hip pain; dislocated elbow, partially torn biceps

Report:
In the trial period, Tony used the machine 2 1/2 hours over a period of 9 treatments. He complained of abdominal muscle pain, to the point that it would affect him most dramatically at night. He also noted that his hip and pelvic region had lingering pain from being "reset" in the off season. During the trial period, Tony dislocated his elbow, and partially tore his biceps muscle.

When we first began treatment, Tony's chief complaint was that his sleep was interrupted by abdominal pain. After his first treatment (15 min), Tony noted that he "liked how he felt" and that he had "felt relief during sleep", as he did not wake up in the middle of the night. His second treatment (18 min) seemed to give him even more relief, as he wanted to treat his back and groin as well. He noted that after his second treatment, he was "more flexible in abs and groin area." Tony came in for a third consecutive day for his third treatment (18 min). He noted that his sleep pattern had gotten better, and he "seemed more energized." The fourth treatment Tony received (18 min). The main difference in this treatment is that for the first time, Tony did not take a cold tub before treatment. He said that for the first time, he felt it "right on the abs" He noted that he had noticed minor groin relief, as well. Tony took a week off between treatments. When he came back for his first treatment in a week (18 min), he said that "He felt good the last week" and that the relief has been pretty good. The next day (the day before the game), Tony came back for another treatment (15 min) He noted that he "slept much better" last night. During the game, he tore the biceps muscle in his arm and dislocated his elbow. Tony came back for his next set of treatments three days later. His first treatment after this injury (24 min) we focused the energy solely on his right arm. The swelling was so significant on his right arm, that it was twice the size of his left arm. During treatment, the arm was a bit sensitive, as the injury was fresh. He said that there may have been a little return of range of motion, but he was not sure. Tony came to treat his arm again the next morning (12 min). We noticed that some swelling had subsided, as heavy bruising was evident. We also noticed that the swelling was reduced, as the arm was much more sensitive to treat. Although the area looked much damaged, Tony noted that the "range of motion was getting better." During the third conse-
tive day of treatment (18 min), we both noted that the flexibility was improving, and the swelling was being reduced, as it was easier to place the probe through Tony’s arm. He also noted that the treatments were "less sensitive" as they were before. Tony’s felt his arm was well enough to play in that week’s game, as well.

Overview:
When Tony was first introduced to the machine, he was unsure what it did, but he was willing to try if it will help him. Tony seemed to notice many positive results on him, as measured by his unprompted willingness to continue treatments. We were able to note great results for Tony in a few areas, most notably his hip/abdominal area, and his right arm. Tony was most pleased with the fact that he was waking up in the middle of the night with abdominal pain far less frequently than before. However, the results on his arm were far more significant. The use of treatments on his arm, in conjunction with the trainer’s treatments seemed to have some significant results on him. So much so, that although in a cast, Tony was named NFL defensive player of the week, only one week after his injury occurred. Even the 49ers team website noted that "...although the elbow was markedly swollen the following day and the medical staff felt there was little chance he would play that week, Parrish persevered. Fitted with a special brace he helped the team clinched a division with two interceptions in the game against Dallas..." Tony was also given two awards for inspiration, courage and perseverance (The Eshmont Award, and the Ed Block Courage Award)
Name: Ben Lynch
Position: Center
Jersey # 60
Date machine used: 11/19/02-12/5/02

Player reported Injuries: Major lack of stability/pain in left shoulder

Report:
In the trial period, Ben used the machine 3 1/2 hours over a period of 14 treatments. He said his chief complaint was the pain in his shoulder, but more specifically he said, "The shoulder feels very unstable". During his very first treatment, Ben noted that he "Felt it right on the spot that had been painful". We both noticed that he had some significant involuntary muscle spasms running down his entire left arm during treatment. He also said the area was sensitive during treatment. He did note that right after his first treatment, he experienced minor pain relief. Ben had his second treatment the next day (21 min). He came in to report that he was "interested" in what we were doing. He wanted more energy this time and wanted to treat his entire shoulder area. After that second treatment, Ben noted that the shoulder was less painful, he felt a small return of range of motion and he felt good relief. Ben had a third treatment the following day (21 min). His first words to me that day were "The area of pain is getting smaller." He put the probe on the areas of need himself today and said that he "likes the results he is getting". Ben had his fourth treatment (18 min) the next day. He said he felt "less groggy in the morning". During the treatment, we both noticed that the involuntary muscle spasms were far less strong than during the first treatment. Ben had a partial treatment (9 min) the following day. Our time was limited because of team meeting requirements. However, he did tell me he had less pain underneath the shoulder (the area he felt was unstable). The following morning Ben had a series of treatments (12 min, and time unknown) He said that he "feels good and notices improvement in the shoulder." Ben also noted that he "wakes up early" now, something he never used to do. As the day before the game was busy for treatments, we were only able to give him a partial A.M. treatment. However, he gave himself the second treatment on his own, sometime later in the day. Ben did not treat the next day because it was game day, however he did come in the morning after the game. Ben came in extra early the day after the game and with the trainers help got a treatment (24 min). I saw him later in the day and he noted that "His right shoulder was sore after the game (new injury)", but it felt "much better right after treatment". Ben went on to say that "He knows this (treatment) is good for him." This was the second treatment in a row that Ben came and gave him treatment. For the next two days, Ben came in for a partial treatment (9 min, 9 min) He said that "It seems he needs less..."
energy now” and that he has "noticed significant improvement since his first treatment" Ben also noted that his left shoulder soreness is a "different type of sore now" and it is more and more stable. Ben came in for longer treatments for the next two days (21 min, 21 min). He reported that he noticed "stabilization is better" and he "just has muscle soreness instead of pain now" In fact he went on to say, "The muscle soreness is not like the pain he had before the treatments" and he "notices pain relief right away". The next day, Ben had a shorter treatment (12 min). We adjusted the machine to its highest setting (1.5 pps). Ben said he noticed the difference immediately on the higher setting. He said he "notices a difference before and after treatment" Ben came in the next two days for treatment on the higher setting (9 min, 12 min) During his final two treatments, Ben commented that he "has noticed great relief since treating" and that "the stability in his shoulder is good".

Overview:
When Ben was first introduced to the machine, he was very open to trying this type of treatment. He had an ankle injury a few years back. Ben said that different types of treatments had not worked on it, but an alternative practitioner with the use of an acupuncture type device had been the only thing to relieve his pain. From the very beginning, Ben seemed to get results from the treatments, as indicated by his continual use of the machine and the fact that he made a strong effort to continue his treatments by treating on his own. Ben treated 6, 5 and 4 consecutive days, his treatment days only interrupted by game day It became obvious that he was receiving tremendous results by his reduction in pain, his improvement in range of motion, and the return of stabilization to his left shoulder. He would be the first to speak of the benefits of the PAP-IMI and what the energy has helped his body do.
Name: Josh Shaw  
Position: Defensive Tackle  
Jersey #: 93  
Date machine used: 11/24/02-12/5/02  

Player reported Injuries: Left shoulder injury

Report:
In the trial period, Josh used the machine 1 1/4 hours over a period of six treatments. Josh came in for his first treatment and reported his left shoulder was "really sore." Josh said he had taken a hit during practice a few weeks back, and the shoulder had not felt the same since. During the treatment, Josh reported he "feels it in the shoulder a lot." We both noticed some involuntary muscle spasms on his shoulder from each pulse of the machine. After the treatment, he reported that his shoulder "felt warm and loose." Josh returned for treatment two days later (12 min). He said his left shoulder was still sore, but he "felt some relief" from the last treatment. After the treatment Josh again said it felt "warm and loose." Josh returned later that day for a second treatment (15 min). The first treatment of the day made his shoulder "feel better", so he wanted a second treatment after practice. After the treatment, Josh said that his shoulder "wasn't really that sore anymore." Josh returned three days later for his next treatment (9 min). Josh reported that his left shoulder "has no more pain." He also said that he didn't really have pain today, but it "feels looser today." We both noticed that he shoulder did not spasm as intensely as it did during his first treatment. Josh returned for treatment three days later (12 min). He reported that his "shoulder range of motion was great today." After treatment Josh reported that his shoulder "feels pretty good. He also noted his shoulder was not as sore during treatment. Josh returned for his final treatment two days later (12 min). Josh said his shoulder "has been getting better and feeling stronger lately." He also noted that he "really enjoys treatments." We both noticed that the involuntary muscle spasms he had during his first treatments, had subsided.

Overview:
When Josh was first introduced to the PAP-IMI, he was willing to try it because his roommate, Jerome Davis used the machine. From the first treatment, Josh felt the machine go right to his area of pain. We noticed an improvement in the range of motion of his shoulder, and his pain area was reduced. Josh and I also noticed that the nerve damage that caused his shoulder muscle to spasm seemed to subside greatly. I feel that Josh enjoys treatments, and he notices positive results on his body. I also feel he would recommend the PAP-IMI to other professional athletes.
Lower back pain / Fracture

Eric Johnson

Name: Eric Johnson
Position: Tight End
Jersey # 82
Date machine used: 11/21/02-12/5/02

Player reported Injuries: Lower back/ Lumbar; upper left and right hip

Report:
In the trial period, Eric used the machine 2 1/2 hours over a period of 10 treatments. His chief complaint was back pain in the lumbar area, and on his upper left and right hip. During his first treatment (12 min), Eric reported that, "there was pain during treatment in certain spots," but he said that immediately after treatment he "felt instant relief on his back pain." Eric jumped up at the end of the treatment and started hopping on either leg as to cause the back pain to happen. He was surprised that he had no more pain and said "I could play right now" but, he also wanted to know how long the pain relief would last.

Eric came in the next morning for his second treatment (15 min). He reported that he "is pleased with the results" so far. Eric also reported that "It is still intense during treatment, but the back feels better." He also asked to treat his left foot today. Eric came in two days later (the day before the game) for his third treatment (12 min). He noted that his back "was feeling better in the morning". He also said that "the back is still sore, but I notice a difference from the first treatment to now", and that he "gets the most relief right after treatment." Eric came in the day after the game for treatment (6 min). He said he "had a little pain on game day, but it felt good in the morning". Eric only had a few minutes this day, but he said he stopped in "just to treat today". Eric came in to treat after practice two days later (12 min). He reported that it was painful after practice, so he came in specifically to get some treatment. Directly after this treatment, Eric again noted immediate relief of his back pain. Eric came in again the next morning for treatment (18 min). He asked to add his chest and top of head to treatment from now on. Again, Eric reported that he has "immediate relief right after treatment." He said that he very much "enjoys the machine pulses". He reported that the original source of pain (left hip/back area) had subsided, but he still had pain in the right area. Eric came in the next day for his third day of treatment in a row (12 min day before the game) He said that he "had some soreness today after practice, but not like before". He also noted that his "back felt better today before treatment, but great after treatment". We were able to turn the machine up higher for treatments today (2 pps). Eric came in the day after the game for treatment (15 min) He reported that his back was "still feeling better". Eric noted that it was "not as painful during treatments" Eric went on to say that he thought

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he got a minor concussion during the game. I treated his head today, and he said "It felt good on his head". Two days later, Eric came in for another treatment (27 min). He was very happy his injury was healing and reported his back was "tremendously better". He also reported that his "head felt good today". Eric had his final treatment the following morning (18 min). He said he had a new injury (turf toe) and wanted to treat it as well today. He reported that his "back pain was much better" than it been before treatments.

Overview:
When Eric was first introduced to the machine, he was frustrated that his injury had lasted so long and that he had not played in quite sometime. Eric and I both noticed many positive results on himself. Every time his back pain would flair up, he came in on his own for treatments, and experienced pain relief. I noticed that from his first treatment to his last, he had a great reduction of pain, coupled with an increase of range of motion. His back was less painful after each treatment and the pain was less intense each time during the treatments. His behavior changed as his attitude became more and more positive after each treatment. As his back felt better, he was able to practice and play in the games. Even after the first treatment, when Eric "hopped around" trying to "re injure" his back, his attitude improved because he knew he had found something that would help him return to action sooner. During the trial period, Eric became a strong proponent of the machine as exhibited by his willingness to come for treatments of his own accord and his encouragement of other players to try the machine.
Plantar fasciitis; Groin injury

Terrell Owens

Name: Terrell Owens  
Position: Wide Receiver  
Jersey # 81  
Date machine used: 11/20/02-12/4/02

Player reported Injuries: Very sore right heel (plantar fasciitis); Right groin

Report:
In the trial period, Terrell used the machine 3 1/4 hours over a period of 9 treatments. His chief complaint was a painful right heel. He said that "it was sore to make cuts and turns on." During his first treatment (12 min), Terrell reported that the "treatment felt good." I noticed that he walked out of the room with far less of a limp than when he walked in. Terrell came in the next day for treatment (15 min). He reported that the heel "was still sore walking on it," but was surprised that his pain "didn't come back in the evening" as it had been doing before treatment. He asked me to treat his lower back today as well. Terrell came in the next day for his third consecutive treatment (15 min). The first thing he said was "What did you do? Its (his right heel) never felt this good." He seems to enjoy the treatments a lot, as he fell asleep during treatment today. Terrell came in the next morning for his fourth treatment in a row (12 min). He said that his "heel feels good" and that his "acceleration is better today." Terrell fell asleep during treatment again, and had to be woken up when the treatment was finished. Terrell came in for a fifth consecutive treatment the day before the game (24 min). He reported that the heel "feels better in the morning," and he "has a lot more range of motion." Terrell also reported that he "notices a major difference" from treatments. Terrell fell asleep during treatments again today, and had to be woken up when the treatments were complete. Terrell came in two days later for treatment (24 min). He asked me to turn the machine settings up higher today. Terrell reported that the heel "is feeling much better," and he "notices a difference" from doing these treatments. Yet again, Terrell fell asleep during treatment, and I had to wake him when he was done with the treatment. Terrell came in the day before the game for more treatment (30 min). He reported that his heel was sore after yesterday's practice, and his right groin was bothering him. Again, Terrell fell asleep during treatment. When treatment was finished, he reported that "notices relief after treatment," and feels that "this thing is worthwhile." Terrell came in the day after the game for more treatment (30 min). He said his groin was sore after game day, but the heel was not bothering him like it had been. Like usual, Terrell fell asleep during treatment. I woke him after treatment, and he again reported that he "notices relief right after treatment". Terrell came in the day before the game for his final treatment (30 min). The first thing he said was that his groin and heel "feel better today,"
and he notices improvement" since the last treatment. Terrell fell asleep during treatment again today. When he woke up, he reported that he "was feeling much better" now.

Overview:
When Terrell was first introduced the machine, he was unsure about how this was going to help his heel. He felt he had nothing to lose, so he thought he would give it a try. Terrell and I both noticed he received immediate results from using the machine. Terrell’s pain was reduced, his range of motion was increased, and by the time the trial period ended, he became a definite proponent of the machine. We can see this based on the fact that from his first treatment to his last, he repeatedly reported pain relief, and the duration of relief lasted longer and longer each time. He noted that his ability to accelerate and cut increased. We can also see that Terrell received great results based on his own willingness to continue treatments. Not to mention the fact that Terrell was consistently falling asleep during treatments, a sign of relaxation and pain relief. Terrell also became active in the treatments of his teammates as well. He encouraged other players to get treatment, even telling J.J. Stokes to "put it on your back for ten minutes, it feels real good that way." Terrell obviously believes in the efficacy of the machine.
Name: Garrison Hearst
Position: Running Back
Jersey # 20
Date machine used: 11/20/02-12/3/02

Player reported Injuries: Painful right shoulder pulled right groin muscle, painful hips and left ankle (old injury)

Report:
In the trial period, Garrison used the machine for 2 hours over a period of 6 treatments. He said that his shoulder and groin were the main areas of pain, and the hip and ankle pain was intermittent. During his first treatment (21 min), Garrison said the treatment "relaxed him" and that he felt pain in his shoulder "right on the area" during treatment. We both noticed involuntary muscle spasms on his right shoulder during treatment. Garrison came in for treatment the next morning (27 min). He noted that "the right shoulder feels better" and asked for it to be treated first. Garrison also reported that his groin "seemed more relaxed and flexible today". He felt a little pain in his tailbone are during treatment, but said his hips were "feeling better" right after treatment. I noticed that the limp his groin injury had given him was far less pronounced after the second treatment. Garrison received his next treatment two days later (18 min), the day before the game. He reported that he has been "waking up feeling good" in the mornings now. He also noted that is "feeling better" and he "relaxes when it's on my shoulder." Garrison had his next treatment the day after the game (18 min). We had a chance to talk about his own results from using the machine. He said that he did feel a difference from treating and noted that "I told Lindsay (Head Trainer and all them (Management) they need to buy this thing." Garrison knew the areas he wanted to treat before coming in today, and wanted to get rid of his "after game soreness." Garrison reported his body feeling better after today's treatment. Garrison did not come in for a treatment for the next five days. I saw him in the locker room during this "break" and he reported that he was "feeling good" and didn't have any pain or soreness to treat. Garrison came in for his final treatment five days after his last one (30 min). He reported that his hamstring was doing "much better." Garrison also noted that he notices major relief in "both the shoulder and hamstring." He went on to tell me he discussed the machine with management and told them "it worked." He also told me "When it goes right to the pain, I know its working." We both noticed that the involuntary muscle spasm on right shoulder was significantly reduced from the first treatment to the last.
Overview:
When Garrison was first introduced to the machine, he was unsure what we were doing, but he was willing to give the machine "a try." Garrison and I both noticed great results from his treatments. From the first treatment, Garrison reported that he felt it "go right to the spot of pain" and he knew it was working. He consistently reported feeling relief after treatments in his shoulder and groin. I know that he had other players such as Fred Beasley treat a few times. This not only shows a belief in his own results, but a desire for his teammates to experience the results as well. Garrison also stated that he told several members of management that this machine has made a difference on his injuries in the short time of the trial period. I think that Garrison summed up his belief in the efficacy of this machine when he said, "When it goes right to the pain, I know it is working."
Name: Fred Beasley
Position: Running Back
Jersey # 40
Date machine used: 11/19/02-12/3/02

Player reported Injuries: Sore foot, right groin pull, and sore hip.

Report:
In the trial period, Fred used the machine 1 1/2 hours over a period of five treatments. He came in for his first treatment limping (12 min). Fred was wearing a soft case and his foot was too sore to walk on before his first treatment. During the first treatment, Fred reported "feeling it" in his lower back area when we treated his hip... When the treatment was finished, he said he had minor ankle relief and his groin "felt better." Fred came for treatment the next day (18 min). We both noticed that he could walk on the foot today. He reported having relief in the heel of his foot. During treatment, Fred reported that his hip was sore today, so we had to turn the machine setting down (4 pps). Fred came in the next day for his third consecutive day of treatment (15 min). He reported that his hip/groin area was "less painful", so we were able to adjust the machine to a higher setting. Fred also reported that his "foot seemed to be OK today" and I noticed he no longer had a limp. Fred took a break from treatment and returned nine days later for his next treatment (12 min). He reported that his groin was sore again. After his treatment, Fred reported that his groin "feels better right after treatment" and he hopes the relief will last. Fred came in for his final treatment three days later (18 min). He reported feeling "better in the morning" now. We both noticed that the limp he had prior to the first treatment, was gone.

Overview:
When Fred was first introduced to the machine, Fred reported that "some of the guys told me to try this thing." Fred and I both noticed that he experienced positive results on both his groin and foot. Fred reported feeling a return to his range of motion, and pain relief in his groin area. Fred received the best results when treating a few days in a row. I believe it is fair to say that he would have received even better results had he treated more consistently.
Name: Jeff Chandler  
Position: Kicker  
Jersey #: 3  
Date machine used: 12/2/02-12/6/02  

Player reported Injuries: Right hip pain  

Report:  
In the trial period, Jeff used the machine 1 1/2 hours over a period of five treatments. Jeff came in for his first treatment (9 min) and reported having a painful right hip. During treatment Jeff said he "felt it right on the spot" of his painful hip. After treatment, he said he "notices hip relief right away and it feels good." Jeff continued with treatments the next day (12min). He reported that his hip "feels better" this morning. Jeff also commented that he enjoys the treatments, and notices a difference from treating on the PAP-IMI. Jeff came in for his third treatment the following afternoon (30 min). He said he re-injured his hip during practice, and it was "very painful today." I increased his treatment today to a full session. After treatment Jeff said he "felt relief during treatment." He seemed to be more relaxed and in less pain after the treatment. Jeff came in the following morning to continue treatments (15 min). He reported that he "notices major relief" from yesterday to today, and he attributes it to use of the machine. He was so pleased with his results; he asked to increase treatments to twice a day. He gave himself a second treatment later on that day. Jeff came in the next morning for his final treatment (15 min). He said that his hip "felt fine" this morning. Jeff also reported feeling a lot better today, after treatment.  

Overview:  
When Jeff was first introduced to the machine, he was very willing to try it. He said he had seen his other teammates use the machine, and heard they had experienced positive results. Jeff noticed pain relief immediately after the first treatment. This was a pleasant surprise for Jeff to see results so quickly. We both noticed that his continual treatments helped him reduce his hip pain, and maintain his range of motion. This pleased Jeff as his range of motion is critical to his success as a kicker. Jeff continually reported enjoying the treatments a lot, as evidenced by his consistent use of the machine upon introduction to it. I believe that because he saw so many positive results on himself, in a short period of time, Jeff would recommend the PAP-IMI to other professional athletes as well.
Elbow Inflammation
Jerome Davis  Tim Rattay

Name: Jerome Davis
Position: Defensive End
Jersey # 67
Date machine used: 11/27/02-11/28/02

Player reported Injuries: Painful/sore right elbow

Report:
In the trial period, Jerome used the machine half an hour over a period of two treatments. He said his roommate, Josh Shaw told him to "try this machine on his sore elbow." During his first treatment (12 min) Jerome reported "feeling it" right in the area of his elbow soreness. When the treatment was finished, he said the elbow felt "looser." Jerome came in the next morning for his final treatment (12 min). He reported that the elbow felt "looser in the morning." After this treatment, he noted that the elbow felt "warm and loose." He also noted that the shoulder stiffness he had seemed to be gone. I saw Jerome a few times after his final treatment with me. He did say that the machine helped him. I asked him why he has not come back to get a treatment from me and he said "I always have to get in line and wait." I found out that he gave himself a few treatments when everyone had gone home.

Overview:
When Jerome was first introduced to the machine, he seemed eager to try it because his roommate had told him some of the benefits he received from using it. Although I only gave him two treatments, both Jerome and I were able to notice some pain relief to his elbow. He also seemed to notice results based on the fact that he came in to treat on his own a few times. I think that even though he only had a few treatments, he was able to experience some positive results.
Name: Tim Rattay  
Position: Quarterback  
Jersey # 13  
Date machine used: 11/20/02-12/6/02  

Player reported Injuries: Right elbow pain/inflammation

Report:
In the trial period, Tim used the machine 1 1/4 hours over a period of seven weeks. Time came in for his first treatment (15 min) and reported having elbow pain, and some joint stiffness. During his first treatment, we both noticed significant involuntary muscle spasms from his fingers. After his first treatment, Tim reported he "felt a little better." He also reported feeling "more relaxed." Time received a second treatment the following day (15 min). He asked to be treated on his elbow and his shoulder. During treatment, Tim mentioned having discomfort in his right shoulder during treatment. After treatment, Tim said he was "feeling better." Tim had his third treatment the following day (12 min). He was very quiet today, and seemed to sleep during most of the treatment. During treatment, Tim did say that he had "no pain on the right shoulder during treatment." Tim continued his treatments the next day (12 min). Tim appeared to be very comfortable with using the machine; it seems to relax him. He reported that his elbow is "feeling a little better, but it goes in and out." Time came in for treatment two days later (18 min). He reported that his elbow is "not as bad as it was in the morning." Tim also said he is "waiting for something dramatic to happen." Tim took a six day break from treatments. He returned for treatment (15 min) and reported that his arm has been "feeling better" since the last treatment. He also noted that he "notices pain relief in his arm sometimes." Time came in the next day for his final treatment (12 min). He reported "feeling a bit better today." During his final treatment, we both noticed his fingers do not spasm as much during treatment anymore.

Overview:
When Tim was first introduced to the machine, he seemed skeptical that a machine could help his elbow pain. His elbow pain was intermittent, so it was hard for Tim to describe all of his symptoms and the location the pain seemed to stem from. We both noticed some positive results on Tim. He mentioned numerous times that he felt very relaxed during treatment. This relaxation seemed to change his attitude to a much more positive one. Tim also noted having pain relief. Although his pain relief was intermittent, I noticed Tim to have the most discomfort on days he did not use the machine. We also noticed a reduction in the involuntary muscle spasms from Tim's fingers. I believe that we saw some positive results from Tim's treatments, however if Tim had treated on regular basis, instead of intermittently we would see even better results.
Sprained ankle
Ronnie Heard  Ahmed Plummer  Derrick Deese  John Engelberger

Name: Ronnie Heard
Position: Safety
Jersey # 38
Date machine used: 11/19/02-11/29/02

Player reported Injuries: Sprained right ankle

Report:
In the trial period, Ronnie used the machine 1 1/4 hours over a period of five treatments. He came in for his first treatment (12 min) and reported that his ankle was "stiff and sore." He was in an air cast and limping. Ronnie also reported that after his treatment he felt "minor ankle relief." Ronnie took a break from treatments and came in seven days later for his next treatment (18 min). He reported that the ankle was swollen, sore and he was expected to Miss 3-4 games. After treatment, he again noted that he had "minor ankle relief." Ronnie came in the next morning for a treatment (18 min). I noticed that his limp was going away. Ronnie said the ankle was "still stiff, but a little better." Ronnie came in for his last treatment the next morning (21 min). This was his third consecutive day of treatment. Ronnie reported that he "notices relief right after treatment." During the treatment, he also noted that it was "a little better today" and that he was going to try to stay of the foot for a week.

Overview:
When Ronnie was introduced to the machine, he seemed unsure how this could help him. We both noticed that when he treated, the ankle felt better. However, Ronnie’s treatments were sporadic. We began to notice results after the third treatment; however he stopped treatment right after that. It seems he stopped treating because he did not receive the significant results he was expecting. I feel that the minor results he was getting would have increased, had he continued with the treatments. Four treatments spread over three weeks did produce some minor results for Ronnie, but a consistent routine of treatments would have made a significant difference in Ronnie’s ankle.
Name: Ahmed Plummer  
Position: Cornerback  
Jersey # 29  
Date machine used: 11/27/02-12/6/02

Player reported Injuries: Left ankle sprain (wore a "walking cast")

Report:
In the trial period, Ahmed used the machine 2½ hours over a period of 9 treatments. We focused the treatments solely on his ankle area. Ahmed’s treatments were given twice a day, with the exception of his last treatment. After the first treatment of day 1 (15 min), Ahmed noticed the ankle felt "a little bit looser" in the swollen area. When he came back for his second treatment that 1st day (15 min), Ahmed noted that the ankle was "feeling better already." He seemed relaxed and interested in what the machine was doing. The next day he had a series of treatments (18 min, 18 min). When he woke up that morning, he noted that the range of motion in the ankle was better, and he had some minor pain relief. After his second treatment of the 2nd day, Ahmed said his ankle was "not as painful and the movement was better because the soreness was going away." Ahmed re-injured his ankle in the game after this treatment. He came back to treat two days after the game. He noted that the ankle has been tender and sore ever since the game. He received two treatments that day (15 min, 18 min). After the second treatment that day, Ahmed reported that the ankle "Felt better after the A.M. treatment" but it "felt much better" after the second treatment that day. Ahmed came in for a series of treatments the next day (18 min, 18 min). He brought in his own water to treat on the machine as well. The first thing he reported was that when he woke up, the ankle "Feels a lot better today." He also reported that after the first treatment of the day, he "noticed immediate relief" of his ankle soreness, and before his second treatment of that day, said "It feels better since the 1st treatment of the day." Before Ahmed's final treatment the next day, he reported the ankle is doing "much better" than before, and brought his own case of water this time, so that he "had some pulsed water to bring to Dallas with him."

Overview:
When Ahmed was first introduced to the machine, he seemed relaxed and very interested in what the machine was doing. He said that, "Word got around the locker room" to try this machine. Ahmed obviously noticed positive results on himself, as supported by his continual treatments of his own volition. He felt that if he had tried the machine sooner, he might not have re-sprained the ankle in the Seattle game. He continually commented about the positive effects and results he was receiving from treatments, especially his own recovery time from injury. I noticed that as he continued treating his noticeable limp subsided, and I saw him wearing his "walking cast" less and less.
Name: Derrick Deese  
Position: Tackle  
Jersey # 63  
Date machine used: 11/19/02-12/6/02  

Player reported Injuries: Sprained right ankle

Report:
In the trial period, Derrick used the machine 8 hours over a period of twenty treatments. Derrick came in for his first treatment (12 min) and reported he had a severely sprained right ankle. He said the injury was a nagging one, and would not heal because he continued to play on it. He walked in on crutches with a pronounced limp the first day of treatment. During the first treatment, Derrick said the treatment "felt weird, but good." Derrick came in the next morning for his second treatment (30 min). He said he wanted a full thirty minute treatment today. Derrick reported that he "felt less pain immediately after treatment." Derrick received his next treatment the following day (30 min). When he came in today, he already knew the areas of his body he wanted to treat. I noticed he relaxed and fell asleep during most of the treatment today. He reported that he "noticed relief in part of my ankle and the range of motion seemed better." Derrick continued his treatments the following day (30 min). He spent a lot of time today asking me questions about how the machine worked, what it was doing to his body, and why he noticed a difference in his body from treatments. Derrick also reported his ankle was "feeling better." Derrick came in the following afternoon for his fifth day of treatment (15 min). He had to cut his treatment time in half because of a team meeting. Derrick reported that his "Left ankle is feeling much better." He also reported that he feels "Great in the morning", and he does not need to use his alarm clock anymore. Derrick also noted he was discussing this machine with his agent, and requested that literature on the machine be sent to him. The following day, Derrick came in for his sixth consecutive day of treatment (24 min). Derrick told me that his "sleep pattern is very good" and he seems more rested from treatments. After treatment, Derrick reported that his ankle "is not as painful as it should be for this type of injury." Derrick continued his treatments two days later (18 min, 30 min). He reported that he had read the case histories literature, and wanted to try a different protocol. He wanted to treat two times a day, for twenty minutes. (This same protocol was used for a study on ankle sprains in professional soccer players.) Derrick noted his ankle was "not as sore as usual" after the last game. After his second treatment of the day, Derrick reported his ankle was "much better." Derrick continued his treatments the following day with two sessions (18 min, 18 min). Derrick reported that when he woke up this morning he "had a lot less pain" in the ankle. He also noted that at night he "fell asleep a lot quicker." Derrick and I both noticed that he does not limp like before his first treatment. Derrick also stopped using crutches to support his ankle. Derrick came in the next morn-
ing to continue his treatments (15 min, 30 min). He reported that he "felt a lot better today." Derrick also reported that he "seems to notice it helping him." During the second treatment Derrick noted that "treating two times a day seems to increase the pain relief." He also told me that he "comes and treats on his own" from time to time. Derrick returned for treatment the following day (24 min). He reported that he had treated on his own in the morning, so he only needed one treatment from me today. He said he wanted to make sure to get "full of energy" the day before the game. Derrick noted that he has "less and less pain each day." Derrick returned the day after the game for treatment (30 min). During the game, he re-sprained his ankle. Derrick reported that his ankle was "very painful after the game and it's (the pain) spreading up my leg." We both noticed that the fresh injury had caused some swelling to the ankle area. After the treatment, Derrick reported his ankle "feels better after treatment." Derrick returned for treatment the following morning (30 min). Derrick reported that his ankle was "feeling better already this morning." We both noticed his limp began to subside. During treatment, Derrick began to flex or "workout" the ankle. He said it was "a little bit painful" but he could feel the range of motion returning to his ankle when he did this during treatment. After the treatment, Derrick said he would treat on his own, later in the day. Derrick came in the next day for a series of treatments (21 min, 30 min). He immediately reported that his ankle "Felt good in the morning." And his area of pain was reduced. Derrick said that he enjoys the treatments, and he "knows its working for me." After the first treatment of the day, Derrick also said that his ankle "felt a lot better after treatment today." We both noticed that a lot of the swelling in his ankle subsided. Derrick continued with treatments the following day (21 min 30 min). Derrick noted that his "area of pain in the ankle is much reduced today." He asked to try our "treated water" for the first time. Derrick commented that he "could taste the difference" in the treated water. He consistently relaxes during treatment and comment after treatment today that he "felt relief from the morning until evening." Derrick came in the following day for his final treatment (15 min). He said he has noticed having a "good energy level" since treatments. Also, he said he feels much better in the morning from treatments. We both noticed the swelling in his ankle was just about gone.

Overview:
When Derrick was first introduced to the machine, he was very curious as to how this machine was going to help them. By the time trial period ended, Derrick was the machines largest supporter. There are many factors that led me this conclusion. Derrick treated himself longer than any other member of the team. In three weeks, he logged over eight hours worth of treatments, all of his own volition!! He brought at least three or four of his teammates in for treatments as well as he would often "yell" at teammates passing by, to "try this thing out." We noticed many positive results on Derrick as well. In the 20 treatments he received, we saw a significant relief of pain.

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Derrick’s ankle injury had been bothering him all season, to the point where he missed significant playing time throughout the season. Derrick noted numerous times, over a period of weeks that he feels pain relief each and every time he received a treatment. We also noticed a significant reduction of swelling. On a few different occasions, we noticed that the swelling was reduced significantly immediately following treatment. In the trial period, we also noted an increase in range of motion. Derrick would continually "flex and stretch" his ankle area during treatment. The significance of this is that he was usually unable to walk on it, or flex it to this extent, before each treatment began. Only during/after the treatment could he "flex and stretch" the ankle. Of all the players treated during the three week trial period, Derrick seemed to respond to the machine the best. From his attitude improving, to his pain reduced, to his overall energy level, Derrick noticed many positive results. I believe that Derrick fully believes in the efficacy of the PAP-IMI and would recommend it to other athletes.
Name: John Engleberger  
Position: Defensive End  
Jersey # 95  
Date machine used: 11/20/02-11/28/02

Player reported Injuries: painful right ankle

Report:  
In the trial period, John used the machine a total of 30 minutes over a period of five treatments. He came in for his first treatment (3 min) and reported pain in his ankle joint. John left to go to a team meeting in the middle of his first treatment, so he only received a short treatment. The next morning John came in for his second treatment (9 min). John reported the ankle was "a little better" from the short treatment he received yesterday. He left after nine minutes to go to practice, but reported feeling better "right after treating it." John received his third consecutive treatment the next day (3 min). He reported that it was "still sore in the A.M. but it feels good after treating it." He had to leave treatment early for a team meeting, and he apparently completed the treatment that evening by himself. Two days later, John came in for his fourth treatment (6 min). He said that noticed that his "ankle was looser," and that he "no longer had pain when pushing off the ankle." John came in for his final treatment four days after his last treatment (6 min). During the treatment, he reported that his range of motion was a little better" and that he notices that it "feels better every time" after treatment.

Overview:  
When John was first introduced to the machine he was eager to try treatments because "Paula Abdul" had used the machine. John and I both noticed some positive results from treating his ankle. He reported some pain relief in his ankle, and he felt some return to his range of motion. John seemed to be very impatient. John did report positive results on numerous occasions; however, he did have trouble sitting still to have longer treatments. I feel that we did make progress with his ankle pain, but it could have been eliminated entirely had he received treatments on a more consistent basis.
Torn knee ligaments

Jamie Winborn  Terry Jackson

Name: Jamie Winborn
Position: Linebacker
Jersey # 55
Date machine used: 11/26/02-11/27/02

Player reported Injuries: Torn left knee ligaments

Report:
In the trial period, Jamie used the machine for one hour over a period of two treatments. He came in for his first treatment (21 min) and reported he "had a torn PCL, MCL and I have some nerve irritation on the knee." After his treatment, Jamie reported that the knee felt "warmed up and looser." He also reported that his range of motion seemed better as well. Jamie came in the next day for his final treatment (30 min). He reported that his knee "felt better today" and he noticed a return of range of motion when he woke up this morning. I noticed after his final treatment, he was flexing and stretching his knee to "test out" how much more flexible it was.

Overview:
When Jamie was first introduced to the machine, he was eager to try something that his teammates were using to "get better." Although he only had two treatments Jamie and I both noticed positive results in the limited time Jamie treated. Jamie and I noticed that after his treatments he had a return of range of motion to the knee area, and the knee seemed a lot less stiff. The main result we found was that Jamie was able to "explode" (run as hard and fast as possible) without major discomfort. Jamie said he was unable to do so before receiving the treatments. Overall, I think that we did notice positive results with Jamie; however, the results would have been far more drastic had he treated on a more regular basis.
Name: Terry Jackson
Position: Fullback
Jersey #: 22
Date machine used: 11/28/02-12/5/02

Player reported Injuries: Torn ACL in right knee.

Report:
In the trial period, Terry used the machine one hour over a period of four treatments. Terry came in for his first treatment (18 min) and reported he had torn his Anterior Cruciate Ligament in his right knee. Terry was placed on injured reserve, thus ending his season. He had surgery around 2-3 months ago to repair the damaged knee. Terry also reported that since the injury, the knee has had limited range of motion, stiffness and it "took along time for it to get warmed up." We both noticed that he seemed to relax during treatment. After the treatment, Terry reported his knee "felt looser and warmed up." Terry received a second treatment later that day (12 min). He said he came back for a second treatment that day because it was his day to "work" his knee, and the knee felt "pretty good since" the treatment. During the treatment, Terry fell asleep. When the treatment was finished, I woke him up. Terry said he "felt good" after the treatment. Terry returned two days later for another treatment. He reported that his knee flexibility was better, and he noticed "the range of motion was better in the morning today." After treatment, Terry said his knee "doesn't feel as stiff as it did before." Terry took a week break from treatments. When I asked him about it he said that the machine was always busy with other players treating. He said he didn't want to interfere with active players getting treatment, because he was not going to be playing this year. Terry resumed treatment one week later (15 min). He reported that his knee "feels pretty good." Terry also noted that his knee "seems to have increased flexibility after treatment." We both noticed he was now able to flex his knee pretty easily.

Overview:
When Terry was first introduced to the machine, he was open to the idea of using the machine. He watched other teammates get relief from treatments, so he thought he would "give it a try." While the results Terry received were not dramatic, we did notice some improvements. Terry and I both noticed that his knee was much more flexible after treatment. Numerous times Terry reported feeling the knee "warmed up", something he had trouble doing since his knee injury. More than anything, I feel that Terry received enough return to his range of motion, to understand how the machine can help his body. If there had been either more time or more machines, Terry could have received a more regular treatment schedule. I feel that this would have cause Terry to see even better results. I also believe that though his use of the machine was limited, Terry noticed enough results to endorse the efficacy of the PAP-IMI.
Bursitis

Eric Heitman

Name: Eric Heitman
Position: Guard
Jersey # 66
Date machine used: 11/19/02-11/24/02

Player reported Injuries: major swelling; ruptured bursa in right knee

Report:
In the trial period, Eric used the machine a total of one hour over a period of five treatments. Eric came in for his first treatment (15 min) with a minor limp. He had major swelling and brusing on his right knee. He seemed frustrated that he was injured and didn’t want to miss any playing time. After his first treatment, Eric said he, “Felt better than yesterday” and he noticed “A bit of range of motion return” to his knee. Eric came in the next morning for his second treatment (15 min). During treatment, Eric reported feeling “relief right away.” I concentrated his treatments on his knee and lower back. I noticed he did not limp like the day before. When the treatment was done, he said he felt “range of motion improvement” in his knee. Eric came in two days later for treatment (15 min). We both noticed right away that his swelling had been reduced. During his treatment, Eric reported that his knee was “getting better everyday.” I noticed his attitude was improving because as his knee got better, he knew he would play in the next game. Eric came in for treatment the next day (6 min) Our sessions was cut short, as he had to leave for a team meeting. He was very thankful though, and said he was much happier “knowing I’m gonna play.” Eric had his final treatment the next day (9 min) We both noticed that the fluid in his knee had broken up, and the swelling had been reduced. He reported that his knee was “not too painful” anymore, and he will come back for treatments as needed.

Overview:
When Eric was first introduced to the machine, he seemed very open to trying anything that could help him “heal faster.” It seems he felt immediate relief and lasting relief for a few reasons. Eric returned to treat of his own volition numerous times. Also, Eric reported feeling relief, range of motion increase and a reduction of swelling in a matter of days. His mood continually improved as his body began to heal itself, and it became clear to him that he would play in the next game. I think Eric believes in the benefits of the machine, and he will use it on his injuries, as needed.
Joint stiffness / Neck injury
Matt Willig  Jim Flanigan

Name: Matt Willig
Position: Tackle
Jersey # 77
Date machine used: 11/19/02-11/24/02

Player reported Injuries: right knee "joint stiffness"; concussion/neck pain

Report:
In the trial period, Matt used the machine 1 ½ hours over a period of six treatments. Matt came in for his first treatment (15 min) and reported his neck was "sore and had a clicking sound." During treatment he had major muscle spasms in his neck area. After his first treatment, Matt said "It feels different" (his neck). He also reported having "minor relief" in his neck area. Matt came in the next day for his second treatment (15 min). He reported that he had "head relief and some neck relief." We both noticed that his neck did not spasm during treatment as much as it was yesterday. He said he will see at practice how the knee feels. Matt came in the next morning for his third treatment (3 min). His treatment was cut short as he had to leave for a team meeting. He did report that at practice yesterday his knee felt "warmed up" after treating. Matt came in the next day for his fourth consecutive day of treatment (15 min). We both noticed his neck did not spasm as much as during the first treatment. I also noticed that he seemed to relax a lot more during treatments, almost "dozing off" from time to time. He reported that his knee "felt better this morning" and he feels "a lot more relief in the neck." Matt received treatment the next morning (9 min). He reported that he is "noticing relief and the neck feel OK." Matt also reported that his "knee is looser." Matt came in the next day for his final treatment (15 min). He treated six consecutive days. I noticed he seemed to have a more relaxed walk than when he began treatments. He reported that the knee is "not locking up on me; it feels great."

Overview:
When Matt was first introduced to the machine, he was willing to try something that could help his neck out. During his first treatment, he felt the machine go right to his area of neck pain. It startled him because he has never felt something go right to his area of need. Matt and I both noticed positive results from his treatments. The stiffness in his knee was reduced as his range of motion increased. He also reported less and less neck pain as he continued with his treatment, as well as the "cloudiness" he experienced from the concussion was gone. Overall, I think Matt enjoyed treatments and saw enough positive results on himself, to endorse use of this machine.
Name: Jim Flanigan
Position: Defensive Tackle
Jersey # 75
Date machine used: 11/24/02-11/29/02

Player reported Injuries: upper neck/ right shoulder pain

Report:
In the trial period, Jim used the machine 45 minutes over a period of four treatments. Jim came in for his first treatment (6 min) and reported having pain in his upper neck. During the first treatment, Jim reported he "felt it on his neck immediately." His neck was painful enough that I turned the machine to a lower setting. He noticed minor relief, but had to leave treatment early for a team meeting. Jim returned the next day for another treatment (18 min). He reported that he had a few other areas of pain to treat. In addition to his neck, I treated his left shoulder and left Achilles tendon. We both noticed that his left shoulder was extremely sensitive to treat. It was so sensitive that we had to adjust the machine to a very low setting. Later that day, Jim reported that he "felt better for a short time." Jim came in for his next treatment four days later (6 min). He stated that he "feels minor relief" from using the machine. His treatment was cut short today because he had to leave for a team meeting. Jim also seemed frustrated that someone is always using the machine. It has been hard for him to find a time that the machine is not in use. Jim came in for his final treatment the next day (3 min). He stated his "shoulder is a little better." Again, Jim had to cut his treatment time short because of team meetings. Jim said he "would come back for more later", and received treatment on his own.

Overview:
When Jim was first introduced to the machine, he seemed extremely skeptical about using the machine. At the insistence of teammates, he tried it out. I believe that Jim received relief from using the machine. When treating his neck and shoulder area, he closed his eyes and seemed to relax as the pulses went to his area of pain. Unfortunately, Jim was not consistent with his treatments in regard to length of time. He seemed to experience the greatest amount of relief after his longest treatment (18 min). I believe that if Jim had longer treatments (15-18 min), he would have noticed far more significant results.
Viral infection

Dana Stubbelfield  Mark Anelli

Name: Dana Stubbelfield
Position: Defensive Tackle
Jersey # 94
Date machine used: 12/4/02

Player reported Injuries: Viral infection; old knee injury

Report:
In the trial period, Dana used the machine 24 minutes over a period of one treatment. Dana came in for his only treatment and reported he had a "virus", and he was "congested, achy and nauseas." I treated his chest, back, head and right knee. During the treatment, Dana reported that his "Breathing improved right away." We could both hear that the fluid was not clogging his lungs like before. Dana also reported that his "head felt much clearer" after treatment, and his right knee felt "warm and loose." I saw Dana the next morning, and he reported feeling "much more alert" when he woke up today.

Overview:
When Dana was first introduced to the machine, he was hopeful that something could help make him feel better. Even though he only had one treatment, we both noticed immediate results. The fluid in his lungs dissolved during treatment, allowing him to breathe easier. His "achyness" seemed to subside, as he reported his head had cleared up. I think that because he experienced such dramatic results from only one treatment, Dana will continue to use the machine as his body needs it.
Name: Mark Anelli
Position: Tight End
Jersey # 85
Date machine used: 12/4/02-12/5/02

Player reported Injuries: Allergies

Report:
In the trial period, Mark used the machine 15 minutes over a period of two treatments. Mark came into the training room during practice. He left practice early because he had an "Allergy Attack." His face was swollen, his eyes were watering, and he had some breathing difficulties. The trainers couldn’t find his medication, so I gave him a treatment (6 min). During the first minute of treatment, Mark exclaimed "This feels amazing!" When his six minute treatment was finished, Mark reported that his breathing was drastically better. We also noticed that the swelling on his face had subsided, and his eyes were no longer watering. Mark came in the next day for his second treatment (6 min). He noted that his chest was no longer congested as it had been all week long. Mark also thanked us for yesterday’s treatment, noting, "It almost instantly cleared my allergies up."

Overview:
When Mark was first introduced to the machine, he was willing to try anything on his allergies. Mark said that when his allergies "attack" as they did before his first treatment, it usually renders him useless for the day. Mark was pleasantly surprised to see that after one six minute treatment, his allergy attack disappeared, and his was able to return to practice. Mark also noted an improvement in breathing, and reduction in facial swelling. I believe that because his allergies have been a life long problem, he will continue to use the machine as he says it’s given him the "quickest allergy relief" he has ever had.
Torn meniscus
Kevan Barlow

Name: Kevan Barlow
Position: Running Back
Jersey #: 32
Date machine used: 11/24/02-12/5/02

Player-reported Injuries: Left knee injury (torn meniscus); old back injury

Report:
In the trial period, Kevan used the machine two hours over a period of seven treatments. He came in for his first treatment (9 min) and reported pain in the back of his left knee. He also reported lower back pain from an old injury. After treatment, Kevan jumped off the treatment table and shouted "What did we do, my back feels great." Kevan reported that this was the first time his lower back had felt this good in years. I saw him later that day at the game. He came up to me in the seating area to say "Thank you so much, my back feels awesome!" Later that day, Kevan tore the meniscus in his left knee during the game. Kevin came in for treatment two days later (12 min) on crutches. He had surgery the day before to shave some of the meniscus from his knee. He was upset that the doctor's told him he could miss four games. We both noticed he had major swelling in his knee after surgery. His range of motion with the knee was very limited as well. After treatment, Kevan reported his knee felt "nice and loose" after treatment. Kevan came in two days later for his next treatment (18 min) He reported that he gave himself a treatment when I was gone yesterday. We both noticed that the swelling was reduced on his knee. He said the treatments make his knee "feel much better." Kevan came in the next morning for a treatment (15 min). We both noticed the swelling in his knee had gone down even further. Kevan reported he felt his "range of motion getting better" in his knee. Kevan also reported that he is treating twice a day, once with me and once on his own. Kevan returned the next day for a treatment (12 min). Kevan said that his knee was "not as bad today." We both noticed the swelling in his knee was reduced even further. I noticed he was not limping like he was right after surgery. Kevan had to leave treatment early today, but said he would give himself a treatment later in the day. Kevan returned for treatment the next morning (25 min). He said that he notices a "range of motion increase since using this machine." We both noticed Kevan was no longer limping or using his crutches to walk. He said he would give himself a second treatment later in the day. Kevan also reported his knee "feels stronger every day." Kevan returned for his final treatment the next morning (24 min). Kevan said his knee was sore from a morning workout. After treatment, Kevan reported "I noticed significant pain reduction after treatment today!" We both noticed that the swelling in his knee had subsided tremendously. Kevan returned to playing a week later. He was originally expected to miss about four games. He returned to action after missing only two games.

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Overview:
When Kevan was first introduced to the machine, he was willing to try something "all the other guys tried." After his first treatment, Kevan became a major supporter of the machine. He noticed pain relief on his back injury that had been bothering him since college. Kevan also noticed many results on his knee. He consistently reported pain relief and an increased range of motion every time he treated. There was even a few times I had to tell him to stop using the machine, as he did not need to give himself too much energy in one day. Kevan also "recruited" his teammates to try the PAP-IMI. He became so excited with his own results he even nicknamed the machine "The Thumper", and referred to me as "Thump." I believe that Kevan understands the results his body achieved from treating. We were able to see his range of motion increase, while his pain and swelling was reduced. Not to mention that Kevan returned to action two games sooner than originally thought, thus cutting his recovery time in half. I believe Kevan would recommend this machine to all other professional athletes.