With certified athletic trainers former professional and collegiate athletes and trained medical professionals on our team, we know the importance of delivery cutting edge quality. Our products work to train your brain and body, giving you the advantage over any competition. Dynavision™ International delivers state of the art technology that makes you better. Experience the Proven power of Dynavision™!

Dynavision International distributes cutting edge technology that helps you perform better.

Upon retirement from the Canadian Football League, Phil Jones, Dynavision™ Founder, acquired the rights for a vision-training device. After four years of research and development with the help of a multi-disciplined team, comprised of industrial designers, ophthalmologists and sports trainers, the Dynavision 2000™ made its initial debut. Designed as a tool for high performance sports training, the Dynavision 2000™ was quickly discovered by medical rehabilitation professionals as a powerful tool to aid in the evaluation and rehabilitation of patients recovering from stroke and traumatic brain injury. The Dynavision 2000™ continues to be used by more than 500 hospitals across North America and in 36 countries.

Dynavision™ International introduced the Dynavision D2™ in 2010. The D2™ includes cutting-edge technology to track user performance, light-weight and robust materials and new and improved training programs while keeping the simplicity and ease of use of the original Dynavision 2000™.

Dynavision™ International LLC’s success continues. Today, over 1000 Dynavision™ units have been sold throughout the world as valuable additions to evaluation and training programs in the fields of high performance sports, medical rehabilitation, research, military and police training.

In 2010, Dynavision™ International LLC partnered with the long-time established Ohio company, TSS Technologies. TSS manufactures Dynavision™ products and supports engineering, product development and administrative activities. Since partnering with TSS Technologies, Dynavision™ has grown rapidly and continues its strong penetration into the sports, tactical and medical rehabilitation markets.

In 2012, Dynavision™ International LLC saw great potential in a new product called the CoreControl™, a core temperature cooling glove patented by AVAcore Technologies. Dynavision™ International began distributing the CoreControl™ cooling glove to the sports, tactical and fire markets in January of 2013. The CoreControl™ is scientifically proven to rapidly remove heat from the body’s core. This portable, non-invasive device enables an individual to work longer at a higher intensity while shortening recovery time. The CoreControl™ cooling glove works by maximizing the body’s natural cooling process, helping to improve work output, prevent heat illness and reduces cramping - whether on a sports field or fighting a fire.

Along with these two cutting-edge products, Dynavision™ International has other revolutionary products and applications in its development pipeline. Please check back often to view new products, research and protocols. There is also much more on our blog and in our video gallery.

For more than 20 years, sports, tactical and rehabilitation professionals have relied on the Proven Power of Dynavision™.

www.dynavisioninternational.com
LOOK LEFT, HIT RIGHT

IT MAY RESEMBLE A CARNIVAL GAME, BUT DYNAVISION’S D2 MACHINE IS MAKING FOOTBALL PLAYERS FASTER AND SMARTER. BY IGOR GURIAKIN

In the weeks leading to February’s NFL combine, the draft hopefuls at the IMG Academy sweated through an intense battery of drills and workouts. But they may have exercised their synapses hardest of all, thanks to an electronic version of Whac-a-Mole called the Dynavision D2 machine.

First, the players stood in front of a large board studded with blinking lights, which would each randomly flash for a few seconds. The players would then slap each light as quickly as possible while a technician evaluated their response times. Did we mention a screen just above the middle of the board that would display numbers, letters and math equations, which the players would have to read aloud as the lights flashed?

The Dynavision D2 is as entertaining as it sounds, but it has a much deeper purpose. According to University of Cincinnati neurology professor and athletic trainer Joseph Clark, who uses the D2 in his research, it’s a pioneering way to measure and improve players’ hand-eye coordination, reaction times and peripheral awareness. And that could result in increased on-field awareness — like “wiping away the dirt on a camera lens while also adding pixels,” he says.

David da Silva, who heads the vision training programs at the Bradenton, Fla.-based IMG Academy, says the $15,000 machines can improve reaction time by a tenth of a second in as few as three sessions — the difference between beating a lineman off the line or getting pancaked.

One of the top performers among linebackers at this year’s academy, according to da Silva? Heisman finalist Manti Te’o — not that it slowed his draft free fall. (For more on his future, see page 72.)

IMG began using Dynavision machines two years ago, and the technology is also a fixture in the Steelers’ locker room, where offensive linemen vie for supremacy in the test every Thursday during the season. But that’s just the beginning of its potential applications. Forty Veterans Affairs hospitals use Dynavision to retrain hand-eye coordination in soldiers who have suffered traumatic brain injuries. Similarly, because delayed reaction time can be a symptom of a concussion, the University of Cincinnati is using it as a tool to address football players’ head injuries.

Team officials take a baseline measurement of each player’s score at the beginning of the season, and they won’t let someone return after a concussion until he can meet that baseline. “It works for me in both diagnostics and rehabilitation,” Clark says. “And if there are athletes who want to improve their performance, I can write programs for that too.”

No doubt, in a flash.

1. LOOK ALIVE
Seeing the lights requires surveying 16 square feet.

2. HIT IT FAST
Lights can flash randomly or in a set pattern to the player’s blind spots.

3. ADD IT UP
An advanced setting requires the user to read numbers or letters off a screen while hitting the lights.

4. CHECK THE SCORE
Real-time results chart improvements, allowing intra-team competition.
Ohio State Buckeyes searching for an edge on the football field with new vision training

COLUMBUS, Ohio – Consider Braxton Miller examining the left side of the field on a fall Saturday, then out of the corner of his eye catching a receiver on his right breaking free. His pass to say, Devin Smith, or Chris Fields, is tipped by a diving safety. But the intended Buckeye, as he falls to the ground, finds the tumbling ball with his peripheral vision, reaches out with his right hand and, somehow, makes the catch.

Might the play owe some thanks to a $12,000 light board assembled in the Cincinnati suburbs and currently housed in the Ohio State weight room?

With a recently installed device intended to train the brain and eyes, the Buckeyes are willing to find out. Because when an inch or a split second on a single play can make the difference between a win and a loss, the search for an edge in sports never ends.

“I just want to make our guys better,” said Mickey Marotti, Ohio State's football sport performance director and Urban Meyer's right-hand man. “Anything that is safe and I think it's got some basis to it, from the science end of it, we're going to try.”

That's the kind of thing that sports medical professionals like Dr. Richard Figler, a staff physician in the Center for Sports Health at the Cleveland Clinic and the team doctor at John Carroll University and Solon High School, want to hear. For sports physicians, the idea of sports vision training at the highest level is relatively new.

But the quest for an edge is not.
This is a better alternative than many other options.

“I would much rather see people train with this method than reach for some other form of performance enhancement,” Figler said. “The whole idea is to use something that is not illegal within the realm of sport.”

The question is how much visual training like this can really help. The company that provided the 64-light board for Ohio State is Dynavision, which has been around for decades and has a hub outside Cincinnati. During a demonstration last week, sales rep Dan Sellers named numerous college and professional football and baseball teams that had worked with the board.

That includes the Indians, who have tested their hitters on it at spring training.

A study at the University of Cincinnati, where this type of training has been used for several years, found that the baseball team increased its batting average after working with the board and other visual training devices. But it's obviously hard to tell exactly what the direct effect is. As Figler pointed out, is the improvement at the plate tied directly to an improvement in how players do on their vision tests?

Marotti said he’ll talk to the OSU assistants, especially those who work with receivers, quarterbacks and defensive backs, to see if they notice anything out on the field “with dropped balls and stuff like that.”

But to some degree the same questions could be asked of how players translate gains in the weight room to the field. Not all weight room monsters are great players. But almost everyone benefits from getting stronger. And that's basically what this is.

“How do you exercise your brain?” Sellers asks. “And eyes are muscles, just like triceps and biceps.”

A spin on the board, called the Dynamism D2, gives a quick idea of how it might develop the connection between the eyes and the brain. The primary idea is for a player to look at the center of the board, where numbers or math problems or word games may flash, giving their brain something extra on which to focus. But it also keeps their eyes centered, and ensures that peripheral vision is used to spot each light that glows, with the player reaching out to hit the light so another can turn on. Watching an OSU player work the board, it's apparent that the peripheral vision isn't really being used when the center board doesn't require the eyes to stay focused there.

But Marrotti likes the competition aspect of it. He said the players jump on it each day to try to improve their scores, and they say they can feel themselves improving.

“It's all about reacting, like, tracking the ball when it's in the air,” Devin Smith said. “I think that's what's helping. It helps you see the ball when you track it into your hands.”

“I'm just quick with my eyes and then quick with my feet as well,” Chris Fields said. “It flows down into your body.”

With the board linked to a computer, Sellers showed specific training programs that could work for baseball players focusing on a pitch, a quarterback surveying a field, or a linebacker trying to read a developing play. Different positions require different challenges for the eyes and the brain.

But the players are united by one thing – the quest for that edge.
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A 15 Rounds Facebook Picture

MLB All-Star Game

River Valley Health
During my last year as a professional athlete in the Canadian Football League, my team and I were introduced to a sports vision training device called the "Eyespan." I immediately recognized great potential for it in the field of high performance athletics and acquired the rights for the technology upon retirement of my seven-year CFL career.

I assembled a multi-disciplined team, comprised of industrial designers, opthamologists and sports trainers—and after four years of research and development, the DYNAVISION 2000 made its debut. The DYNAVISION 2000 was designed as a tool to enhance visual awareness of athletes but it soon found an application in the world of rehabilitation services.

Twenty years later, we've sold many units throughout the world and introduced new technological devices, specifically designed to meet athletes' needs.

Website: http://dynavisioninternational.com

Twitter: @DynavisionInternational

Email: phil@dynavisiond2.com