



Underwater Camera System

See What Happens Below the Surface



Welcome

"We get you moving," isn't just a slogan—it's a lifeline to those like Emily, whose world shrunk dramatically after an injury left her doubting if she'd ever dance at her daughter's wedding. EWAC's aquatic therapy equipment, installed at the local rehabilitation center, where water and technology blend in harmony. For Emily, the pool isn't just a facility; it's where miracles begin. Under the gentle guidance of her therapist, she finds herself surrounded by water, feeling lighter, freer, and more capable with each session. The fear and doubt that once clouded her mind start to dissipate, replaced by hope and determination.

Aligned with our mission to enhance the global quality of life, our slogan signifies more than just physical movement. It represents our commitment to rejuvenating lives, empowering individuals, revitalizing businesses, and, on a grander scale, propelling nations forward. By getting people moving, we're not only facilitating physical mobility but also driving progress and prosperity. We achieve this through our dedication to delivering the pinnacle of innovation and quality in our field, tailored to meet the specific needs of diverse cultures globally. This is how we fulfill our promise: "We get you moving," embodies our commitment to movement, improvement, and advancement for individuals, businesses, and nations alike.

Eric Legdeur - CEO

A handwritten signature in blue ink that reads "Eric". The signature is stylized with a long horizontal stroke underneath the name.

Introduction

Underwater Camera System

The EWAC Medical Underwater Camera System records what happens under water and displays it on screen. Two fixed underwater cameras film the same session from two angles, side by side in one synchronised view. The recording can be replayed straight away, at a reduced speed or frame by frame, so that what took a second in the water can be studied for as long as the professional needs. The system records, displays and documents; the professional draws the conclusion.

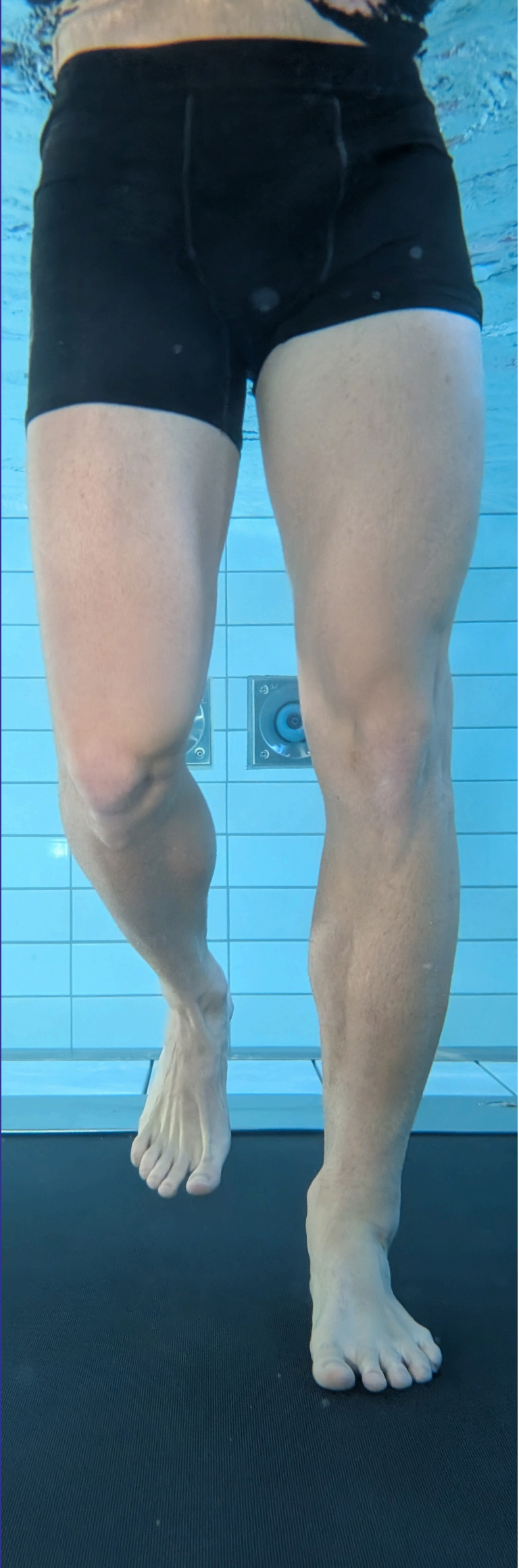


See What the Water Hides

Light bends at the surface, the water moves, and part of the body stays out of sight. Watching from the side of the pool gives an impression, not a record. A recording holds still: replay it frame by frame, mark the moments that matter, and put today's session next to one from a month ago.

Believe – Movement Made Visible

At EWAC Medical we believe that what can be seen can be discussed. Movement in water is hard to judge with the naked eye. Light bends at the surface, part of the body stays out of sight, and a movement is over before it can be looked at properly. What happened then lives only in words and in memory. The Underwater Camera System records the session instead. The front view and the side view run next to each other on one timeline, so the professional can replay a movement, stop on the moment that matters, draw on the still image and place today's recording next to one from a month ago. Not to replace professional judgement, but to give it something concrete to work with. Because movement that can be shown is movement that can be shared: with the person in the water, and with everyone else involved.



How It Works

Record, Review, Document

Every session follows the same three steps.

1 RECORD

The cameras are displayed live, or with a delay that the facility sets itself, so that a person can perform a movement and watch it on screen moments later. Recording starts with one button. A recording can also be made backwards: the button is pressed after the movement has happened and the preceding seconds are saved. Every recording stops automatically after a set time.

2 REVIEW

The professional replays the recording at normal speed, at a chosen percentage of normal speed, or frame by frame, and can zoom in on any part of the image. With the image stopped on the frame that matters, the annotation tool puts lines, shapes and notes straight onto the picture. What was noticed is then no longer a remark: it stays on the image, it goes into the report, and the same marks placed on an earlier recording make the change visible. A stopwatch records times and split times, and points in time can be marked on the timeline, with the time between those points shown alongside.

3 DOCUMENT

Nothing reaches the report on its own. When the professional sees something worth keeping, one button adds that screen to the report and a note can be typed beside it. The finished report is exported as a PDF, printed, or sent by e-mail. A short video clip of the screen can be exported as well, at normal speed or slowed down.

Compare Then and Now

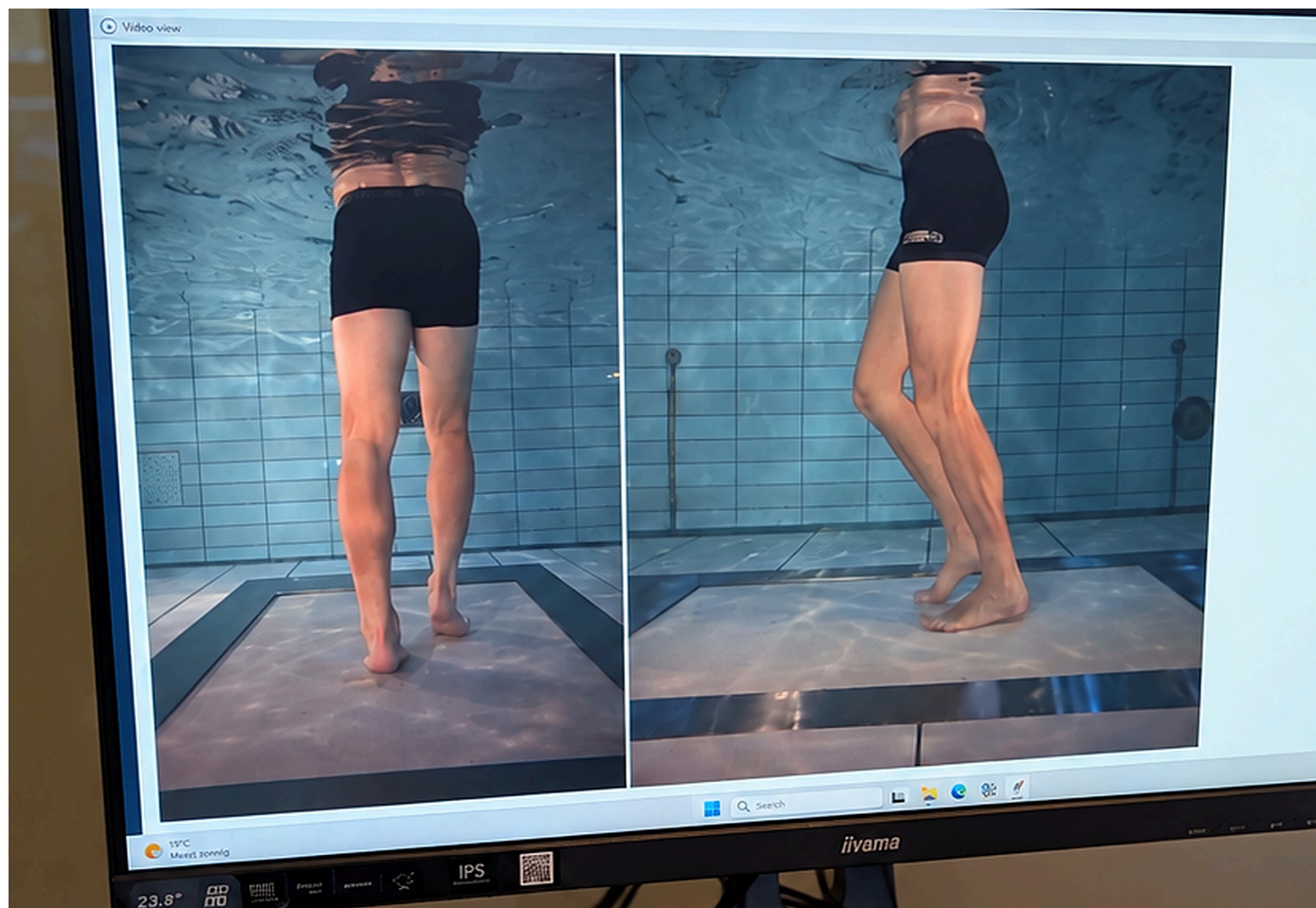
Two to four recordings can be opened next to each other and lined up on one timeline, including recordings made weeks or months apart. Because the cameras stay in fixed positions, every session is filmed from exactly the same angle. That is what makes two dates worth comparing. All recordings are kept per person in the system's own database.



Why Choose the Underwater Camera System?

A Clear Record of What Happens Under Water

A recording is not disturbed by the things that limit the eye: reflections on the surface, moving water, and the way light bends at the waterline. The cameras stay where they are, so every session is captured in the same way. Every line, every mark and every note is placed by the professional; the system displays and records, it does not conclude. What remains is a clear visual record per person — useful when colleagues hand over to each other, when progress has to be shown to the person in the water, and when others involved want to see for themselves instead of reading a description.



Front view and side view of the same session, displayed side by side on one screen.

The Same View, Every Session

The cameras are built into the pool wall and do not move. Nobody has to set them up, aim them or hold them steady. Whoever runs the session, the picture comes out the same way, which is what makes two recordings worth putting next to each other.

The Professional Builds the Report

A report page starts as a screen the professional has annotated. One button adds that screen to the report, pages can be left out again before export, and the professional decides what goes in and in which order. The report leaves the system as a PDF, a print or an e-mail attachment.

Specifications

System type	Camera system for recording, displaying and documenting movement under water
Camera set-up	Two fixed under-water cameras, filming the same session from two angles, displayed side by side in one synchronised view
Viewing	Live view, or a delayed view with an adjustable delay; playback at normal speed, at a chosen percentage of normal speed and frame by frame, with zoom and full screen
Recording	Recording started by button; the preceding seconds can also be saved after the movement has happened; every recording stops automatically after a set time
Annotation	Lines, shapes and notes drawn by the professional onto the stopped image, to mark what matters and to carry it into the report; adjustable colour, line width and transparency
Timing	A stopwatch for times and split times; points in time marked on the timeline by the professional, with the time between those points shown alongside
Comparison	Two to four recordings opened next to each other and lined up on one timeline, also from different dates
Reporting	Screens added to the report by the professional, with written notes; exported as PDF, printed or sent by e-mail; short video clips can be exported
Data	Own database with recordings kept per person; backup and archiving functions included
Equipment	Windows computer with screen, keyboard and mouse; software licence on a USB key
Purpose	Recording, displaying and documenting movement under water. The system does not interpret and gives no advice; every conclusion is drawn by the professional

Drawings

Where It Is Used

One Record, Many Ways to Use It



Water changes how a person moves. It carries part of the body weight, it slows every movement down, and it pushes back against each step. That makes the pool a useful place to work on walking, balance, technique and condition — and a difficult place to see what is really happening. The Underwater Camera System is built for the people who work at the side of that pool. Coaches and trainers use it to show an athlete what a movement looks like under water instead of describing it. Instructors use the delayed view so that someone can try a movement and watch it back seconds later. Facilities use the recordings to keep a record per person, so that a session from today can be placed next to one from six weeks ago. In every case the picture is the starting point for the conversation, and the professional decides what it means.



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ISO 9001, ISO 13485



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A full-page background image showing a person from the waist down, submerged in a swimming pool. The person is wearing dark swim trunks and is in a walking or running motion underwater. Bubbles are visible around their legs. The pool's tiled floor is visible at the bottom.

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AQUATIC THERAPY
EQUIPMENT



EWAC MEDICAL

WE GET YOU MOVING

