



HEALTHCARE CONSULTANTS ASIA

Healthy Wealthy

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ABOUT HCASB

Healthcare Consultants Asia (HCASB) is a trusted subsidiary of Mudah Healthcare. As experts in third-party medical reporting, HCASB specializes in providing detailed and comprehensive medical assessments that help streamline processes and ensure clarity in claims management.

With a panel of over 90 specialist doctors, HCASB is dedicated to delivering accurate and high-quality reports, offering valuable insights and supporting informed decision-making for our clients. Our reports foster fair, transparent resolutions, reinforcing the integrity and efficiency of the claims process.

HCASB is looking forward to continuing our commitment to excellence in medical reporting, making a meaningful impact on the success of our partners in the industry.

HAPPY LABOUR DAY

As Labour Day approaches, we extend our warmest wishes to all workers whose dedication and perseverance drive progress in our communities and industries. Your unwavering commitment is the backbone of our collective success.

We want to take this opportunity to acknowledge and appreciate the hard work and resilience demonstrated by individuals across all professions. Your contributions are invaluable and inspire us daily. On behalf of our entire leadership team, we salute your efforts and wish you a restful and fulfilling Labour Day.

Warmest regards,

***Dato' Dr. Kantha Rasalingam / Dr. Thiruchelvan Balakrishnan
Dr. Ashwin Balasingam / Datin Chrishini Richards***



What Does a Certified Prosthetist-Orthotist (CPO) Do?

A Certified Prosthetist-Orthotist (CPO) is a healthcare professional who evaluates, designs, fits, and maintains prosthetic (artificial limbs) and orthotic (supportive bracing) devices. Prosthetists help patients who've lost limbs due to trauma, diabetes, or birth conditions and regain movement using artificial limbs. Orthotists support patients with conditions like scoliosis, cerebral palsy, stroke, or foot deformities by prescribing devices that improve movement and reduce pain. CPOs work with a wide range of patients like children, adults, the elderly, and even athletes.

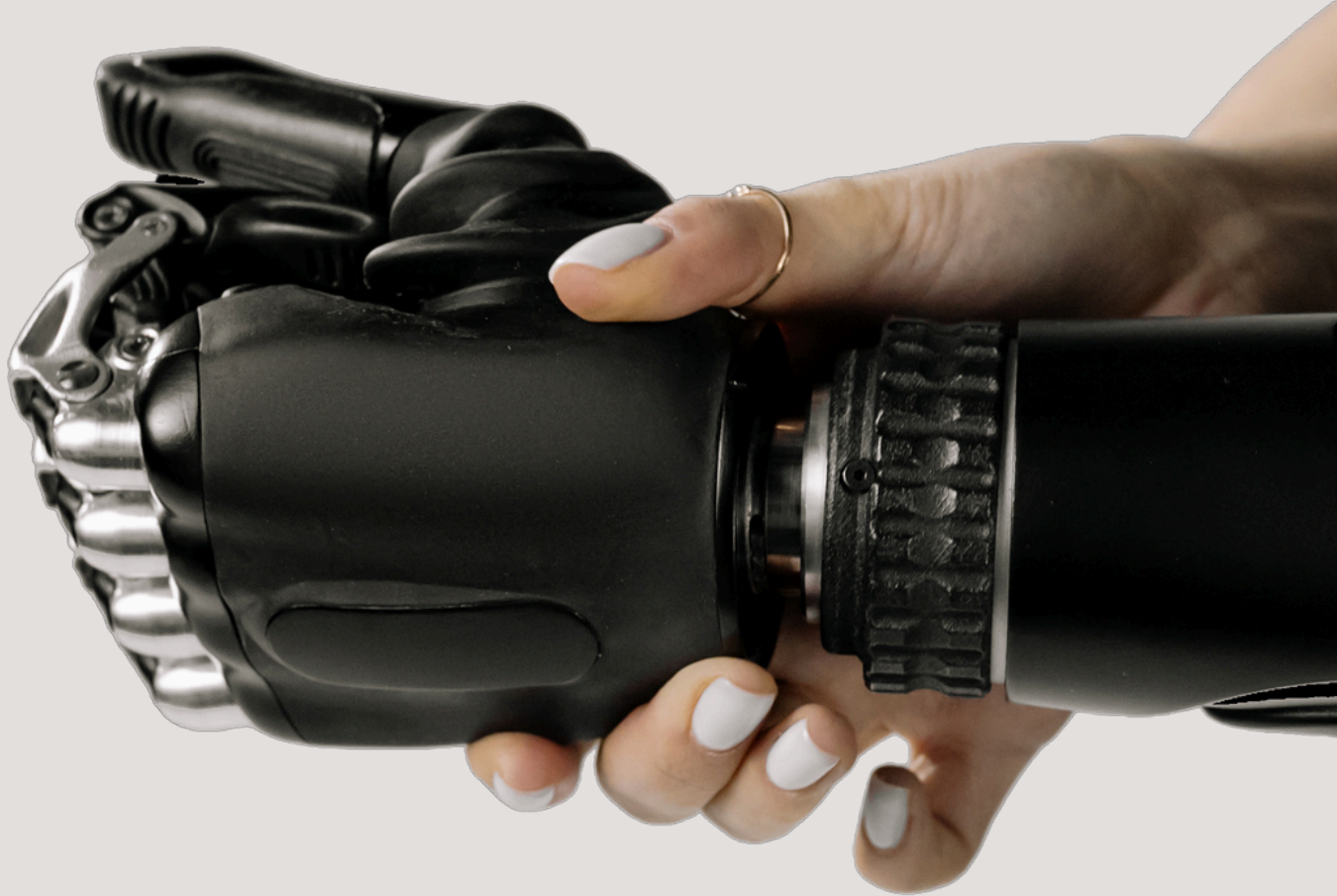
***Clinical
evaluations***

***Gait analysis
and movement
studies***

***Fitting and
training
sessions***

***Digital
scanning and
3D modeling***

***Long-term
adjustments
and follow-up***



***They're often the unsung heroes behind a patient's
successful recovery and mobility.***

Celebrating



HCA SB's



**April
Birthday
Stars**





Prosthetics & Orthotics: How Do They Work?

Behind every prosthetic and orthotic device lies biomechanical science. These devices aim to replace lost limb function (prosthetics) and correct or support weakened parts of the body (orthotics).

Prosthetic limbs are custom-built based on gait analysis, balance studies, and the patient's lifestyle needs. Materials used range from carbon fiber for active users to silicone liners for comfort and skin protection. Orthotic devices, like braces or foot inserts, are made to guide movement, relieve pressure, or prevent injury.

For example, a knee-ankle-foot orthosis (KAFO) helps a stroke patient walk safely. A spinal brace stabilizes posture after surgery or during scoliosis progression. CPOs use cutting-edge tools like 3D scanning & printing, pressure mapping, alignment jigs, and CAD/CAM systems. Every device is a blend of clinical insight, engineering, and empathy.

Common Conditions That Require Prosthetics or Orthotics



Prosthetics

Amputations
(trauma, diabetes, cancer)

Congenital limb absence

Severe infections

Tumors affecting limb function

Orthotics

Stroke or nerve damage
(e.g., foot drop)

Cerebral palsy
(AFOs for walking support)

Scoliosis (spinal bracing)

Diabetic foot ulcers
(offloading devices)

Post-operative recovery
(joint bracing)



Parts of a Below-Knee Prosthesis

Socket	The part that fits over the residual limb
Liner	A soft gel or silicone layer inside the socket for comfort
Pylon	The supporting rod that mimics the leg's structure
Foot	Energy-return foot or basic foot based on mobility needs
Suspension System	Straps, sleeves, or suction valves to hold the limb in place

Parts of a Lower Limb Orthosis

FOOTPLATE

The base that sits under the foot, providing support and alignment. It helps distribute pressure evenly and can be customized to address specific foot conditions.

ANKLE JOINT

A mechanical hinge or flexible area that allows controlled movement of the ankle. It can be designed to permit, restrict, or assist motion depending on the user's needs.

CALF SHELL

The section that wraps around the lower leg, offering structural support and stability. It's typically contoured to fit snugly against the calf muscles.

KNEE JOINT (FOR KAFOS)

An articulated component that supports the knee, allowing for controlled flexion and extension. It can include locking mechanisms for added stability during standing or walking.

THIGH BAND (FOR KAFOS)

A supportive band that encircles the thigh, helping to anchor the orthosis and distribute forces evenly along the leg.

STRAPS AND FASTENERS

Adjustable closures that secure the orthosis to the limb, ensuring proper fit and function. They allow for easy application and removal.

PADDING AND LINERS

Soft materials placed inside the orthosis to enhance comfort, reduce pressure points, and protect the skin from irritation.

MATERIAL COMPOSITION

Orthoses are commonly made from materials like thermoplastics, carbon fiber, or metal alloys, chosen for their strength, durability, and lightweight properties.

Meet Our CPOs at HCASB

**MR. SAIFUL
SYAZWAN**

Certified Prosthetist
Orthotist



Meet Our CPOs at HCASB

**MR. IMAN
JABILIN**

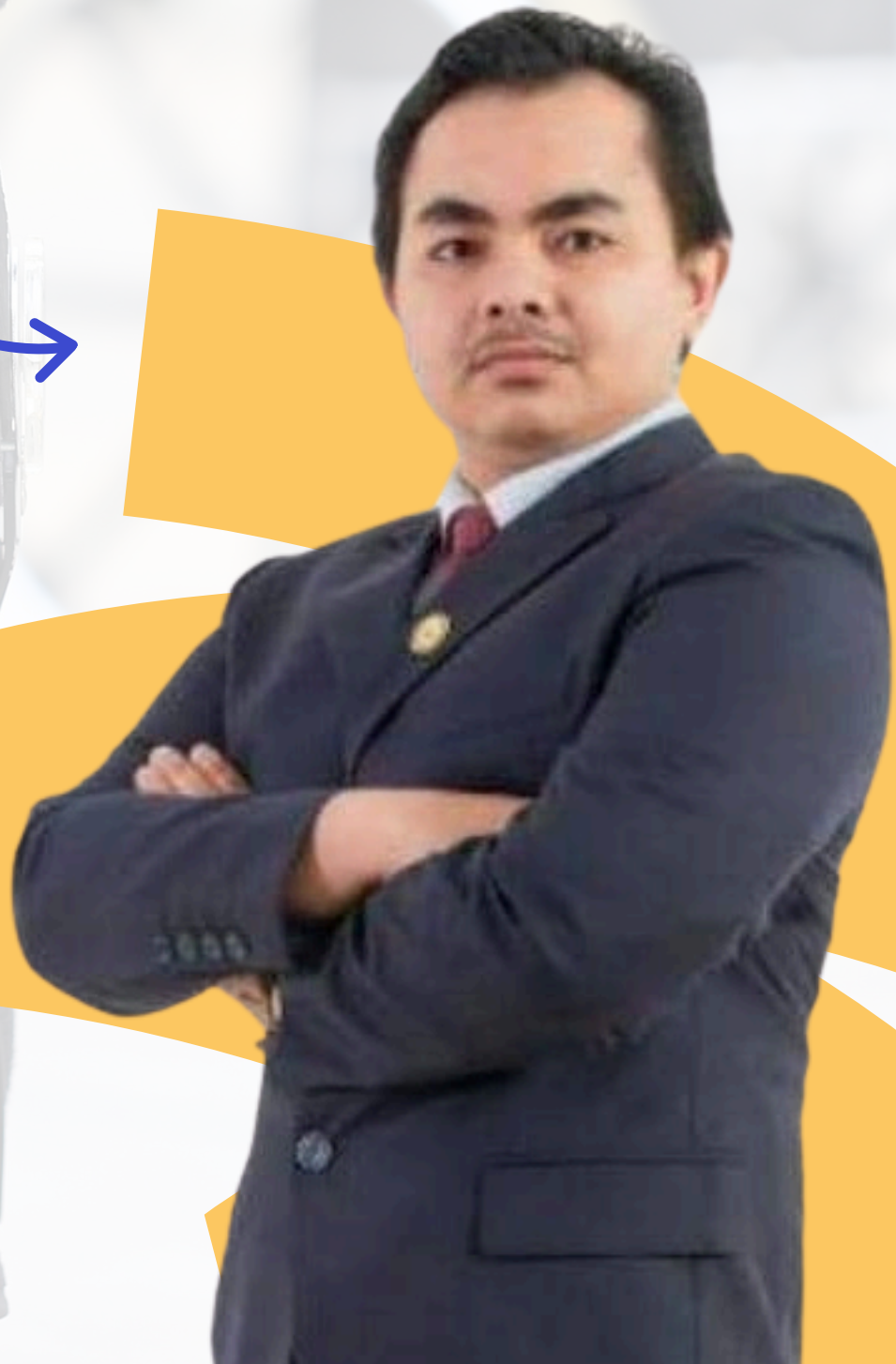
Certified Prosthetist
Orthotist



Meet Our CPOs at HCASB

**MR. NIK
KHAIRUL**

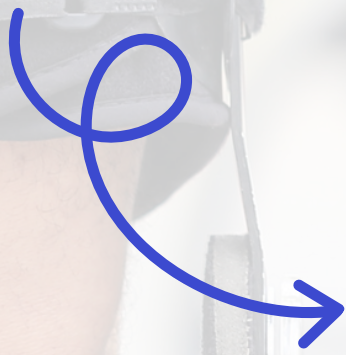
Certified Prosthetist
Orthotist



Meet Our CPOs at HCASB

MR. ANFAS

Certified Prosthetist
Orthotist



Meet Our CPOs at HCASB

**MR. HAIDER
ALI KHAN**

Certified Prosthetist
Orthotist



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2025



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