

medipro® Prosthetics

Innovation medipro®



economic efficiency.

The mobility that can be achieved, for example, by the medipro® Clever Bone System specially developed for these mobility groups, with its specific characteristics, gives the user a considerably longer daily prosthesis wearing time and greatly increased daily walking distances.

Users become more secure, self-confident and self-reliant. The prosthesis is also used as an aid.

With the Umbrellan® aids which are unique throughout the world, we have succeeded in providing new competence to your workshop: phantom pain reduction without side effects. This allows you to reach a large proportion of your leg amputee clients and acquire an extended area of competence.

All our energy, knowledge and innovative spirit are devoted to ensuring that this will continue in future. To this end we are developing and producing aids, and also offering designs, strategies and marketing support that will bring every individual further forwards.



When the medipro® range was first conceived, our aim was to develop useful and innovative aids that would endure beyond the present day. medipro® is medipro's latest range and is one of the market leaders in the orthopaedics industry.

In 2004 we celebrated our tenth anniversary. Ten years in which a lot has changed. The original goal has been reached but the journey is far from being over. More than ten years of mutual success are a good basis for bringing further innovative products on to the market for the better care of leg amputees.

In the meantime it has become clear that increased activity provides a better chance of reducing diseases such as diabetes mellitus and arterial occlusive disease (AOD) and their accompanying conditions to levels that can be controlled by the medical profession.

Mobility is also possible for users of categories 1 and 2 – and within limits of reasonable cost and

medipro® Prosthetics

medipro® Mobility classes

Mobility class I

HOMIE

Home walkers

The patient has the ability or the potential to use a prosthesis to move from place to place or for walking on a flat surface at low speed. The walking time and the walking distance are both short due to his condition.

Treatment objective: to restore the patient's ability to stand and enable him to walk around at home.

Mobility class III

WORKIE

Unrestricted outside walkers

The patient has the ability or the potential to use a prosthesis for walking at moderate to high and variable speeds, and to overcome most obstacles. He is also able to move around on open ground and can carry out occupational, therapeutic and other activities that do not exert undue mechanical stresses on the prosthesis. The user may have an additional need for safety due to secondary circumstances (additional handicap, special living conditions) in connection with moderate to high mobility demands. The walking time and the walking distance are both marginally limited compared with healthy individuals.

Treatment objective: to restore the patient's ability to stand and enable him to walk around unhindered at home and, with minor restrictions only, outside.

Mobility class II

TOWNIE

Restricted outside walkers

The patient has the ability or the potential to walk at low speed with a prosthesis and to overcome minor obstacles such as kerbs, single steps or uneven ground. The walking time and the walking distance are both limited due to his condition.

Treatment objective: to restore the patient's ability to stand and enable him to walk around in the home and the immediate vicinity.

Mobility class IV

HEAVIE

Unrestricted outside-walkers with particularly high demands

The patient has the ability or the potential to walk with a prosthesis as well as the unrestricted outside walker. In addition, high impact stresses, strains and deformations may occur because of the user's high functional demands. The walking time and the walking distance are unlimited.

Treatment objective: to restore the patient's ability to stand and enable him to walk around unhindered at home and with unlimited walking and mobility outside.

medipro® Prosthetics

GENERAL OVERVIEW

Leg prostheses range

Hip disarticulation prostheses

One of medipro's central aims is to improve the quality of life for affected individuals. It is our objective to develop innovations which will improve the functionality and quality of the products and to raise acceptance.

The amputation level hip disarticulation and hemipelvectomy, with the loss of the whole leg or even part of the hip joints, is the highest degree of amputation of the lower limb. Accordingly, it also requires the highest degree of prosthetic care.

Thus, the development of energy-storing and energy-returning systems was a major advance for this group of users.

The development of the HM3 hip joint in functional combination with the ESSA carbon system represents an innovative milestone in the provision of care for these users. With every step this complex hip disarticulation assembly stores sufficient energy to assist the rollover phase physiologically.

Above-knee prostheses

The optimisation of tried-and-tested systems that genuinely boost the patient's quality of life leads us to new approaches in research and development.

The amputation level hip disarticulation and hemipelvectomy, with the loss of the whole leg or even part of the hip joints, is the highest degree of amputation of the lower limb. Accordingly, it also requires the highest degree of prosthetic care.

Adjustments of the individual modular components of the prostheses to suit the individual patient's needs have become ever more common over the past few years.

This has resulted in a wide range of different knee joints to allow for the individual requirements of the users. For instance, OP2, OP3 and OP4 are knee joints that satisfy a high need for safety. Joints such as OHP3 guarantee a high degree of mobility.

Knee disarticulation prostheses

One of medipro's declared objectives is to help the user get more out of his prosthesis.

The shape and fit of the socket and the selection of the individual modular components are always essential for successful treatment with a prosthesis.

The development of the VSS 3 system to ease donning of prostheses is just one of the steps that have led to functional and safe care for the user. However, the continuation of the technical progress into the field of modular components offers the prosthesis wearer individual benefits.

New knee joints, energy-storing carbon systems such as ESSA for active users, and mobility-promoting carbon systems such as Clever Bone® for geriatric users all offer our patients practical and functional support in moving around.

Below-knee prostheses

medipro is often asked to restore and improve mobility. The wide range of care options for BK amputees is thus a considerable challenge for manufacturers of prosthetic modular components.

Components individually developed to satisfy personal requirements for mobility such as Clever Bone® for users who need support and protection, or the ESSA carbon system for more active users, and even stabilising foot concepts like Dynasafe® and energy-storing systems such as medipro® flex feet have resulted in a high level of acceptance and corresponding use of these prostheses.

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GENERAL OVERVIEW

Leg prostheses range

General overview of indications and mobility levels for optimum medipro® selection

Mobility level	End provision	Mobility class 1
Hip disarticulation		<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement reduced muscle status <p>Pelvic prosthesis with :</p> <ul style="list-style-type: none"> medipro® hip joint HM3 medipro® ESSA carbon system Knee joint OP2 medipro® tube adaptation medipro® Dynasafe foot
Transfemoral amputation	<p>Patient profile :</p> <ul style="list-style-type: none"> recently amputated patient with high safety requirement oedematous stump <p>Early prostheses with :</p> <ul style="list-style-type: none"> medipro® Liner AKOS TF knee joint OP4 medipro® Clever Bone medipro® Dynasafe foot 	<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner AKOS TF medipro® Liner RELAX TF knee joint OFM2 medipro® Clever Bone medipro® Dynasafe foot
Knee disarticulation		<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> knee joint KFM1 medipro® Clever Bone medipro® Dynasafe foot
Transtibial amputation	<p>Patient profile :</p> <ul style="list-style-type: none"> recently amputated patient with high safety requirement oedematous stump <p>Early prostheses with :</p> <ul style="list-style-type: none"> medipro® Liner medipro® Clever Bone medipro® Dynasafe foot 	<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement phantom pain <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner RELAX medipro® Clever Bone medipro® Dynasafe foot

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Mobility class 2	Mobility class 3	Mobility class 4
<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement reduced muscle status <p>Pelvic prosthesis with :</p> <ul style="list-style-type: none"> medipro® hip joint HM3 medipro® ESSA carbon system Knee joint OP4 medipro® tube adaptation medipro® Dynasafe foot or medipro® flex SF 	<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement good muscle status <p>Pelvic prosthesis with :</p> <ul style="list-style-type: none"> medipro® hip joint HM3 medipro® ESSA carbon system Knee joint OHP3 medipro® Dynasafe foot or medipro® flex carbon foot 	<p>Patient profile :</p> <ul style="list-style-type: none"> high walking performance very good muscle status <p>Pelvic prosthesis with :</p> <ul style="list-style-type: none"> medipro® hip joint HM3 medipro® ESSA carbon system Knee joint OHS medipro® tube adaptation medipro® flex carbon foot
<p>Patient profile :</p> <ul style="list-style-type: none"> high safety requirement dry skin due to diabetes scarred stump <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner AKOS TF medipro® Liner RELAX TF Knee joint OP4 medipro® Clever Bone medipro® Dynasafe foot or medipro® flex SF 	<p>Patient profile :</p> <ul style="list-style-type: none"> high walking performance scarred stump large soft tissue overhang at stump <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner AKOS TF medipro® Liner RELAX TF Knee joint OHP3 medipro® ESSA carbon system medipro® Dynasafe foot or medipro® flex carbon foot 	<p>Patient profile :</p> <ul style="list-style-type: none"> high walking performance scarred stump with soft tissue overhang <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner AKOS TF medipro® Liner RELAX TF Knee joint OHS medipro® tube system medipro® flex carbon foot
<p>Patient profile :</p> <ul style="list-style-type: none"> safety requirement scarred stump Gout nodules in hands <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner medipro® ESSA carbon system medipro® Clever Bone medipro® Dynasafe foot or medipro® flex SF 	<p>Patient profile :</p> <ul style="list-style-type: none"> high walking performance lives in area with cobblestones <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> Knee joint KHP3 medipro® ESSA carbon system medipro® Dynasafe FuB DS3 or medipro® flex carbon foot 	<p>Patient profile :</p> <ul style="list-style-type: none"> high walking performance correction of stump abduction bony, scarred stump <p>Definitive prosthesis with :</p> <ul style="list-style-type: none"> medipro® Liner medipro® shift adaptor medipro® tube system medipro® flex carbon foot

medipro® Prosthetics

medipro® socket system

MCL 1

HOME

MCL 2

TOWNIE

MCL 3

WORKIE

MCL 4

HEAVIE

Thermoplastic valve kit

Lamination valve kit

medipro® Liner silicone pad set

all MCL

medipro® Shuttle Lock

all MCL

medipro® Modular Clutch Lock

all MCL

medipro® Clutch Lock

MCL 1 MCL 2

medipro® lanyard kit for lamination

MCL 1 MCL 2

medipro® lanyard kit, thermoplastic

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I feel better

medi[®] Prosthetics



Sole Importers & Distributors in INDIA



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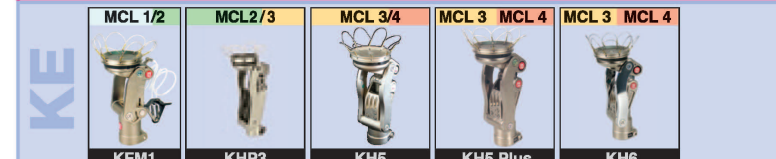
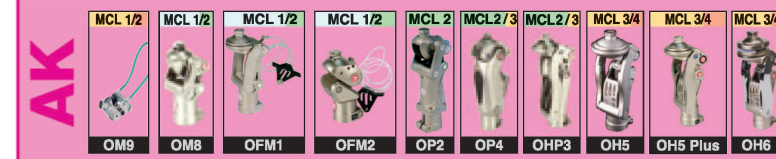
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Product Range Available at:

medi[®] Prosthetics

medi[®] modular system



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medi[®] Prosthetics

Indications
medi[®] knee joints and
medi[®] hip joints Care spectrum

Mobility	Indication	K = knee exarticulation	
4	Reduced general condition	KFM1 100 kg	
3	Weak general musculature		
2	Very limited muscle activity		
1	Anxious patient		
0	Arteriosclerosis		
4	Impaired vision	KFM1 100 kg	
3	Safe and reliable permanent prosthesis		
2	Particularly high demands for safety		
1	Walking time and distance very restricted by general condition		
0	Very little activity		
4	Average to good general condition	KFM1 100 kg	KHP3 100 kg
3	Weak to average general musculature		
2	Limited muscle activity		
1	Normal psychological state		
0	Permanent prosthesis		
4	Walking time and distance very restricted by general condition	KFM1 100 kg	KHP3 100 kg
3	High demand for safety		
2	Kerbs, single steps or uneven ground		
1	Average activity		
0	Slow, constant walking speed		
4	Good to very good general condition	KHP3 100 kg	KH5 100 kg
3	Average to very good general musculature		
2	Robust residual limb		
1	Reduced muscle activity		
0	Good psychological state		
4	Moderate to high, also variable, walking speed, limited	KHP3 100 kg	KH5 100 kg
3	Good psychological state		
2	Moderate to high, also variable, walking speed, limited		
1	High degree of activity		
0	Moderate to high demands on mobility		
4	Freely mobile, also in uneven terrain	KHP3 100 kg	KH5 Plus 125 kg
3	Increased demand for safety due to secondary conditions (additional handicap, life situation) in connection with moderate to high demands on mobility.		
2	Pursues an occupation, therapeutic and other activities		
1	Very good general condition		
0	Good to very good general musculature		
4	Very good psychological state	KH5 100 kg	KH6 136 kg
3	Unrestricted mobility outside		
2	Very high demands at work, at home and in leisure activities		
1	Variable walking speed		
0	No restrictions on walking time or distance		
4	High shock stress, tension and deformation due to the high functional demands	KH5 Plus 125 kg	KH6 136 kg
3			
2			
1			
0			

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medi[®] Prosthetics

Explanation of medi[®] joint designations :

The first letter describes the amputation level, e.g.: HM3 = Hip disarticulation OP4 = Above-knee amputation KH5 = Knee disarticulation	The second letter describes the function e.g.: HM3 = mechanic OFM1 = locking device and mechanic OP4 = pneumatic OHP3 = high-performance pneumatics KH5 = hydraulic	The number at the end is a sequential version number: HM3 = 3rd version of hip joint. OP4 = 4th version of knee joint
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Joint types				H = hip ex.	Mobility
0 = above-knee amputation					
OFM1 100 kg	OM8 100 kg	OFM2 100 kg		HM3 100 kg	4
OFM1 100 kg	OFM2 100 kg	OHP3 100 kg	OP2 100 kg	OP4 100 kg	3
	OM8 100 kg	OHP3 with IKF adapter 100 kg			2
OHP3 100 kg	OH5 100 kg	OH5 plus 125 kg	OH6 136 kg	OP4 100 kg	1
OHP3 with IKF adapter 100 kg	OH5 with IKF adapter 100 kg	OH5 plus with IKF adapter 125 kg	OH6 with IKF adapter 136 kg		0
				HM3 100 kg	4
					3
					2
					1
					0
				HM3 100 kg	4
					3
					2
					1
					0

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upper extremity Centri products



FEMALE HAND



MCV GLOVE - Male/Female

Micro Coated Vinyl (MCV) Glove are dirt and stain resistant, easy to clean and more durable. The soft surface of the glove has low friction against fabric, which makes it easy to put the hand in the pocket. These glove come in optionally expanded form which intentionally widened at the palm and wrist so it can be slipped over the hand shell easily.

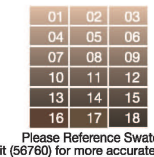


MALE HAND

DREAM SKIN
Dream no more



TOUGH



Please Reference Swatch Kit (56760) for more accurate colors.



Centri Color Guide C01-18 Part no: 611 200 002

Dream Skin provides a protective covering that is cosmetic in appearance and made from durable waterproof vinyl. It resists marks, clean easily and reduces friction against clothing. Dream Skin is available in 5 foot sizes, 21 cm - 30 cm and 18 different colours (as mentioned in the figure). Dream Skin is delivered expanded for easy donning. After positioning the dream skin, simply heat shall be applied to the material upto a maximum of 100 degrees centigrade and the skin will shrink to the underlying cosmesis.

HAND For Male and Female



PASSIVE Hand



Myoelectric Hand



SVC Hand



SVO Hand

These are soft foam passive hands with standard internal thread M12x1.5mm at wrist. It has positional wired flexible fingers attached to the wrist area. Super-reinforced hands have steel bars in the fingers that attach to the wrist area. They are lightweight, cosmetically finished shell that slips over the residual limb and does not require a glove. It is available in 18 Colour shades.

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medi[®] Prosthetics

medi

I feel better

For hunters and gatherers...



... we have our complete prosthetic assortment, medi[®]. A word with many meanings. Because medi[®] stands for a large variety of fittings - made by medi. It is the word for future mobility. Should it be Clever Bone[®] or medi[®] flex, silicone liners or knee joints, we have the answer to all requirements. Because we speak medi.



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08/11 BK