



# WIMBA Orthotics Indications

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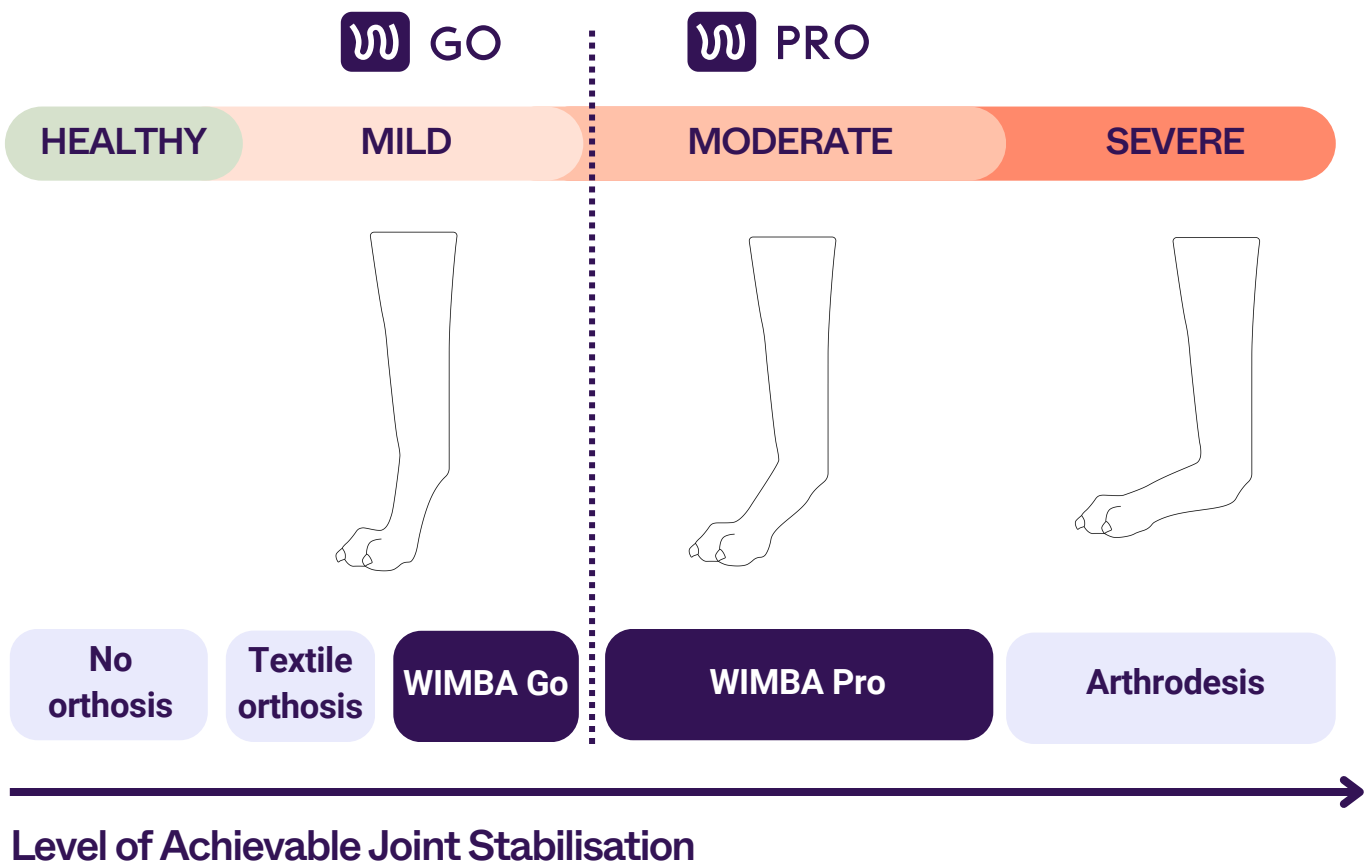
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## Introduction

This document is a comprehensive guide to help veterinary professionals understand the clinical indications for each WIMBA orthotic product – and the risks associated with ordering devices outside of these guidelines. Each orthosis is designed for specific anatomical and functional conditions. Ordering and applying devices outside of these indications may compromise both the effectiveness of the product and the safety of the patient. **WIMBA will not take responsibility for the device not working/not supporting the limb in conditions outside of indications.**

## Severity of Instability

The level of limb instability or lameness helps guide your decision. Below are three visual examples of increasing severity in limb function. These illustrations will help you understand when to consider WIMBA Orthotics Go or WIMBA Orthotics Pro.



## ■ To Consider before Deciding on WIMBA Orthotics Go

Consider	Why
<b>Multiple mobility conditions at the same time</b>	Any complicated cases should be carefully thought through, <u>submitting your case</u> is highly advised
<b>Long time usage steroids</b>	Possibility of progression of laxity
<b>Problems with mobility due to issues with contralateral limb</b>	Consider bilateral orthoses
<b>Weight that is not strictly indicated</b>	Combined with very high activity = probability of device failure
<b>Tripods</b>	Is the overload on resembling limbs mild and can be addressed with Go solution or moderate: please see WIMBA Pro solutions
<b>Obese dogs</b>	Is the overload on limbs mild and can be addressed with Go solution or moderate: please see WIMBA Pro solutions
<b>Cats</b>	Behavioral issues are more common with cats
<b>Skin issues: Decubitus Ulcers, Contact Dermatitis (Allergic or Irritant), Infections (Bacterial or Fungal), Pododermatitis, Skin Necrosis, or other.</b>	Higher probability of abrasions
<b>Dew claw present</b>	Higher probability of abrasions and behavioral problems due to discomfort

## ■ WIMBA Carpus Orthosis Go

Available Type: **Standard, Mini, Nano**

**Preventive care of the carpal joint in the sagittal plane.**



Designed for		No	
<b>Patient</b>	Dogs and cats with mild instabilities; overweight dogs; tripods; older dogs. Up to 45 kg and the distance from the middle of the joint to just proximal of the lateral/palpable metacarpal heads needs to be over 2.75 cm	<b>Patient</b>	Dogs over 50 kg
<b>Functional issues of particular limb</b>	Mild carpal laxity in sagittal plane due to weight shift, compensatory overload	<b>Functional issues of particular limb</b>	Orthopedic conditions in the metacarpal or paw region, carpal Instability in a plane other than the sagittal plane
<b>Functional goals</b>	As a therapeutic element stabilizing the carpal during activity (e.g., exercises, controlled walks, hydrotherapy).	<b>Functional goals</b>	Agility exercises, sprinting, repetitive jumping, acutely post operative or strict immobilisation

## WIMBA Tarsus Orthosis Go

Available Type: **Standard, Mini**

**Preventive care of the tarsal joint in the sagittal plane.**



### Designed for

#### Patient

Dogs and cats with mild instabilities; overweight dogs; tripods; older dogs  
Up to 45 kg and the distance from the middle of the joint to just proximal of the lateral/palpable metatarsal heads needs to be over 3.60 cm

#### Functional issues of particular limb

Mild tarsal laxity in sagittal plane due to weight shift, compensatory overload

#### Functional goals

As a therapeutic element stabilizing the tarsal during activity (e.g., exercises, controlled walks, hydrotherapy).

### No

#### Patient

Dogs over 50 kg

#### Functional issues of particular limb

Orthopedic conditions in the metatarsal or foot region, tarsal instability in a plane other than the sagittal plane

#### Functional goals

Agility exercises, sprinting, repetitive jumping, acutely post op or strict immobilisation

## ■ WIMBA Cervical Collar Go

Protective care in the spine region - particularly atlas (C1) and axis (C2), in the sagittal plane.



### Designed for

**Patient** Mini breed dogs

**Functional issues of particular limb** Atlantoaxial Instability (AAI), Vertebral fracture (C1-C2), Vertebral Instability (C1-C2)

**Functional goals** To stabilize neck of the patient

### No

**Patient** Medium and large dogs

**Functional issues** -

**Functional goals** -

## ■ To Consider before Deciding on WIMBA Orthotics Pro

Consider	Why
<b>Multiple mobility conditions at the same time</b>	Any complicated cases should be carefully through, <a href="#">submitting your case</a> is highly advised
<b>Bow leggedness (radius and/or ulna),</b>	While WIMBA can accommodate a dog's limb to some extent, in cases of severe bow-leggedness, the hinges might not function correctly.
<b>Knuckling</b>	Consider WIMBA Orthosis Pro with Paw Support to secure the paw
<b>Problems with mobility due to contralateral limb</b>	Consider bilateral orthoses
<b>Restoring mobility after surgical recovery</b>	Higher probability of abrasions, orthoses are not for 24 hour use, needs to be combined with physiotherapy
<b>Dew claw present</b>	Higher probability of abrasions and behavioral problems due to discomfort
<b>Weight that is not strictly indicated</b>	Combined with very high activity = probability of device failure
<b>Skin issues: Decubitus Ulcers, Contact Dermatitis (Allergic or Irritant), Infections (Bacterial or Fungal), Pododermatitis, Skin Necrosis, or other.</b>	Higher probability of abrasions



## ■ WIMBA Carpus Orthosis Pro

Protective care of the carpal joint in sagittal and median plane.



Designed for		No	
<b>Patient</b>	Dogs 5 - 45 kg and distance from the middle of the joint to just proximal of the lateral/palpable metacarpal heads needs to be over 4 cm and minimum circumference is 9 cm	<b>Patient</b>	Dogs over 45 kg, chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs)
<b>Functional issues of particular limb</b>	Instability in sagittal plane and/or median plane in carpus	<b>Functional issues of particular limb</b>	Any digit problems, fractures
<b>Functional goals</b>	As a therapeutic element stabilizing the carpal during activity (e.g., exercises, controlled walks, hydrotherapy), more controlled limiting flexion and extension ranges in carpal joint, limiting instabilities median plane in carpal joint	<b>Functional goals</b>	Agility exercises, sprinting, repetitive jumping, acutely post operative

## ■ WIMBA Tarsus Orthosis Pro

Protective care of the tarsal joint in sagittal and median plane.



Designed for		No	
<b>Patient</b>	Dogs 5 - 45 kg and distance from the middle of the joint to just proximal of the lateral/palpable metatarsal heads needs to be over 4 cm and minimum circumference is 9 cm	<b>Patient</b>	Dogs over 45 kg, chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs)
<b>Functional issues of particular limb</b>	Instability in sagittal plane and/or median plane in tarsus	<b>Functional issues of particular limb</b>	Any digit problems, fractures
<b>Functional goals</b>	As a therapeutic element stabilizing the tarsal during activity (e.g., exercises, controlled walks, hydrotherapy), more controlled limiting flexion and extension ranges in tarsal joint, limiting instabilities median plane in tarsal joint	<b>Functional goals</b>	Agility exercises, sprinting, repetitive jumping, acutely post operative

## ■ To Consider before Deciding on WIMBA Orthotics Pro with Paw Support

Consider	Why
<b>Chronic need for rigid splint</b>	Higher probability of abrasions, orthoses are not for 24 hour use, level of achievable stabilisation can be insufficient
<b>Proprioception deficits isolated to the distal limb</b>	Consider additionally ordering distal shell without Paw Support
<b>Weight that is not strictly indicated</b>	Combined with very high activity = probability of device failure
<b>Problems with mobility due to contralateral limb</b>	Consider bilateral orthoses
<b>Restoring mobility after surgical recovery</b>	Higher probability of abrasions, orthoses are not for 24 hour use, needs to be combined with physiotherapy
<b>Dew claw present</b>	Higher probability of abrasions and behavioral problems due to discomfort
<b>Multiple mobility conditions at the same time</b>	Any complicated cases should be carefully thought through, <a href="#">submitting your case</a> is highly advised
<b>Bow leggedness (radius and/or ulna)</b>	While WIMBA can accommodate a dog's limb to some extent, in cases of severe bow-leggedness, the hinges might not function correctly.
<b>Skin issues: Decubitus Ulcers, Contact Dermatitis (Allergic or Irritant), Infections (Bacterial or Fungal), Pododermatitis, Skin Necrosis, or other.</b>	Higher probability of abrasions

## ■ WIMBA Carpus Orthosis Pro with Paw Support

**Protective care of the carpal joint in sagittal and median plane + paw support.**

Product in pilot stage.

For more information contact us.



### Designed for

#### Patient

Dogs 5 - 45 kg and distance from the middle of the joint to just proximal of the lateral/palpable metacarpal heads needs to be over 4 cm and minimum circumference is 9 cm

#### Functional issues of particular limb

Immobilisation of metacarpal joint + phalanges (MCP) and restriction or allowing ROM in carpus

#### Functional goals

As a therapeutic element stabilizing the phalanges of front limb and also carpus joint during activity (e.g., exercises, controlled walks, hydrotherapy), more controlled limiting flexion and extension ranges in carpal joint, limiting instabilities median plane in carpal joint

### No

#### Patient

Dogs over 45 kg, chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs)

#### Functional issues of particular limb

Muscle contracture, fractures

#### Functional goals

Agility exercises, sprinting, repetitive jumping, acutely post operative, Proprioception deficits originating proximally (brachial plexus)

## ■ WIMBA Tarsus Orthosis Pro with Paw Support

**Protective care of the tarsal joint in sagittal and median plane + paw support.**

Product in pilot stage.

For more information contact us.



### Designed for

#### Patient

Dogs 5 - 45 kg and distance from the middle of the joint to just proximal of the lateral/palpable metatarsal heads needs to be over 4 cm and minimum circumference is 9 cm

#### Functional issues of particular limb

Immobilisation of metatarsal joint + phalanges (MTP) and restriction or allowing ROM in tarsal

#### Functional goals

As a therapeutic element stabilizing the phalanges of hind limb and also tarsal joint during activity (e.g., exercises, controlled walks, hydrotherapy), more controlled limiting flexion and extension ranges in tarsal joint, limiting instabilities median plane in tarsal joint

### No

#### Patient

Dogs over 45 kg, chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs)

#### Functional issues of particular limb

Muscle contracture, fractures

#### Functional goals

Agility exercises, sprinting, repetitive jumping, acutely post operative

## ■ To Consider before Deciding on WIMBA Stifle Orthosis Pro

Consider	Why
<b>Straight-angulated hind limbs</b>	Higher probability of orthosis slipping
<b>Bow leggedness</b>	While WIMBA can accommodate a dog's limb to some extent, in cases of severe bow-leggedness, the hinges might not function correctly.
<b>Instability in median plane</b>	While WIMBA can accommodate median instability in stifle to some extent, in cases of severe median instability, the hinges might not function correctly.
<b>Failed surgeries</b>	Any complicated cases should be carefully thought through, Submitting your case is highly advised
<b>Problems with mobility due to contralateral limb (or amputee)</b>	Any complicated cases should be carefully thought through, Submitting your case is highly advised
<b>Dew claw present</b>	Higher probability of abrasions and behavioral problems due to discomfort
<b>Weight that is not strictly indicated</b>	Combined with very high activity = probability of device failure
<b>Skin issues: Decubitus Ulcers, Contact Dermatitis (Allergic or Irritant), Infections (Bacterial or Fungal), Pododermatitis, Skin Necrosis, or other.</b>	Higher probability of abrasions

## ■ WIMBA Stifle Orthosis Pro Mini

Protective care of the stifle joint in the sagittal plane and supports the median plane.



Designed for		No	
<b>Patient</b>	Mini breed dogs	<b>Patient</b>	Chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs), medium and large dogs
<b>Functional issues of particular limb</b>	Instability in sagittal plane in stifle, non operative CrCL	<b>Functional issues of particular limb</b>	Anything that needs also a tarsal support
<b>Functional goals</b>	As a therapeutic element stabilizing the stifle during activity (e.g., exercises, controlled walks, hydrotherapy)	<b>Functional goals</b>	Agility exercises, sprinting, repetitive jumping, acutely post operative

## ■ WIMBA Stifle Orthosis Pro Standard

Protective care of the stifle joint and tarsus in sagittal and median plane.



Designed for	
<b>Patient</b>	Dogs up to 45 kg and distance from the middle of the joint to just proximal of the lateral/palpable metatarsal heads needs to be over 4 cm and minimum circumference is 9 cm
<b>Functional issues of particular limb</b>	Instability in sagittal plane and median plane in stifle and/or instability in sagittal plane and median plane in tarsus, non operative CrCL
<b>Functional goals</b>	As a therapeutic element stabilizing the stifle during activity (e.g., exercises, controlled walks, hydrotherapy)

No	
<b>Patient</b>	Dogs over 45 kg, chondrodystrophic breeds (eg. Dachshunds, Basset Hounds, Beagles, Corgis, English Bulldogs)
<b>Functional issues of particular limb</b>	-
<b>Functional goals</b>	Agility exercises, sprinting, repetitive jumping, acutely post operative



## How to Order WIMBA Go Devices

Ordering your WIMBA Go orthotics is simple and streamlined through the free **WimbaAPP**, available for iOS and Android devices.

Select needed product, provide limb measurements and upload two photos of the limb, and you'll receive a personalized orthosis that fits your patient's needs.

## How to Order WIMBA Pro Devices

To order your WIMBA Pro orthotics or prosthetics, simply use the WimbaAPP. However, to access the full range of WIMBA Pro devices, you'll need to become a **WIMBA Provider Pro**.

Then, you'll receive the **WIMBA Box**, which includes the **WimbaSCAN** equipment to create 3D scans of your patient's limb.

## Download WimbaAPP



Learn more about WimbaAPP:

[wimba.vet/wimba-app/](http://wimba.vet/wimba-app/)

