



LMActivator

LM

feel the
difference

Silicone activator and aligner

LMActivator

LM-Activator aligns teeth, activates mandibular growth and expands the arch perimeter in mixed dentition.

Advantages

- Aligns and corrects sagittal and vertical relationships simultaneously.
- Anatomically designed slots for aligning individual teeth.
- Possibility to treat in mixed dentition:
 - Intercept interferences and early signs of malocclusions when the roots and ligaments are still developing
 - Support healthy growth and development of the face and jaw

Patient friendly

- Made of comfortable and flexible medical grade silicone.
- Biocompatible (ISO 10993 permanent contact). No coloring agents, PVC, phthalates, softeners, latex, bisphenol-A or fragrance agents.
- Simultaneous alignment, leveling and anteroposterior correction instead of separate stages.
- Myofunctional research show a correlation between malocclusions and orofacial dysfunctions.



OVERJET*



Before



After 1 year

DEEP BITE WITH PALATAL IMPINGEMENT*



Before



After 1 year

SINGLE TOOTH ANTERIOR CROSSBITE**



Before



After 15 days

CROWDING***



Before



After 10 months

* Clinical pictures courtesy of Dr Rita Myrland and Dr Mari Dubland, University of Tromsø, Norway. ** Pellegrino Gioacchino, Management of eruption problems with preformed silicone orthodontic devices Poster presented at: 21. Jahrestagung der Deutsche Gesellschaft für Kinderzahnheilkunde 25.09 - 27.09 2014; Freiburg, Germany *** Pellegrino Gioacchino, Deep bite correction with a preformed appliance, Poster with oral presentation presented at: 12th Congress of European Academy of Paediatric Dentistry; 5th - 8th June 2014; Sopot, Poland

INDICATIONS

<div> <div></div> Recommended </div> <div> <div></div> Can be considered </div>		Deciduous dentition	Early mixed dentition	Late mixed dentition	Early permanent dentition
Excess overjet, excess overbite, deep bite	Severe				
	Moderate				
	Mild				
Anterior crowding (incisors and canines)	Severe				
	Moderate				
	Mild				
Dentoalveolar anterior crossbite of 1-2 teeth	Severe				
	Moderate				
	Mild				
Rotated anterior teeth	Severe				
	Moderate				
	Mild				
Class II	Severe				
	Moderate				
	Mild				
Scissorsbite / Complete mandibular posterior lingual crossbite (i.e. mandibular posterior teeth completely on the lingual side of the maxillary posterior teeth)	Severe				
	Moderate				
	Mild				
Gummy Smile (Treatment start before the eruption of permanent maxillary central incisors)	Severe				
	Moderate				
	Mild				
Open bite (High-model of LM-Activator)	Severe				
	Moderate				
	Mild				

Contraindications:

- Skeletal Class III
- Midline discrepancy > 3mm*
- Very narrow upper arch*
- Palatally impacted teeth*
- Fully erupted anterior teeth that require torquing*
- Teeth requiring intrusion

* May be treated with combination treatment (LM-Activator together with other appliances such as quad helix)

The treating doctor is solely responsible and liable for diagnosis, treatment, and evaluating whether treatment with LM-Activator, LM-Trainer or any other LM-Dental product is appropriate for a specific patient, and for the outcome of any treatment with LM-Activator, LM-Trainer or any other LM-Dental product. Product used, and use of products shall be determined solely by doctor and evaluated for use with each individual patient where appropriate. Please refer to manufacturer's Instructions for use.



“Our results showed distinct improvements in overjet, overbite, sagittal molar relationship, and crowding in the treated subjects.”

Myrlund, Rita, et al. “One year treatment effects of the eruption guidance appliance in 7- to 8-year-old children: a randomized clinical trial.” The European Journal of Orthodontics (2014): cju014. <http://dx.doi.org/10.1093/ejo/cju014>

“An advantage of the eruption guidance appliance is that it not only guides the eruption of the teeth but also simultaneously acts on the transversal, sagittal, and vertical relationships of both dental arches.”

Keski-Nisula, Katri, et al. “Orthodontic intervention in the early mixed dentition: A prospective, controlled study on the effects of the eruption guidance appliance.” American Journal of Orthodontics and Dentofacial Orthopedics 133.2 (2008): 254-260. <http://dx.doi.org/10.1016/j.ajodo.2006.05.039>

LMActivator 2

New features: Incisal reinforcement for deep bite | Narrow and wide versions for different arch forms | Highest surface quality (A-1, SPI AR-106)



Reinforcement with hard incisal surfaces.



LM-Activator 2 Low Short

Model with a shorter molar section for patients whose second molars have not yet erupted. Delivered in a yellow box.

Size	Narrow	Narrow Reinforced	Wide	Wide Reinforced
35	94235LSN	94235LSNR	94235LSW	94235LSWR
40	94240LSN	94240LSNR	94240LSW	94240LSWR
45	94245LSN	94245LSNR	94245LSW	94245LSWR
50	94250LSN	94250LSNR	94250LSW	94250LSWR
55	94255LSN	94255LSNR	94255LSW	94255LSWR
60	94260LSN	94260LSNR	94260LSW	94260LSWR
65	94265LSN	94265LSNR	94265LSW	94265LSWR
70	94270LSN	94270LSNR	94270LSW	94270LSWR



LM-Activator 2 Low Long

Model with a longer molar section for patients whose second molars have erupted. Delivered in a blue box.

Size	Narrow	Narrow Reinforced	Wide	Wide Reinforced
35	94235LLN	94235LLNR	94235LLW	94235LLWR
40	94240LLN	94240LLNR	94240LLW	94240LLWR
45	94245LLN	94245LLNR	94245LLW	94245LLWR
50	94250LLN	94250LLNR	94250LLW	94250LLWR
55	94255LLN	94255LLNR	94255LLW	94255LLWR
60	94260LLN	94260LLNR	94260LLW	94260LLWR
65	94265LLN	94265LLNR	94265LLW	94265LLWR
70	94270LLN	94270LLNR	94270LLW	94270LLWR



LM-Activator 2 High Short

Model with a shorter molar section for patients whose second molars have not yet erupted. Delivered in an orange box. The High-model of LM-Activator is thicker in the region of second premolars and molars. It is specifically designed for treating skeletal and dentoalveolar open bite cases.

Size	Narrow	Narrow Reinforced	Wide	Wide Reinforced
35	94235HSN	94235HSNR	94235HSW	94235HSWR
40	94240HSN	94240HSNR	94240HSW	94240HSWR
45	94245HSN	94245HSNR	94245HSW	94245HSWR
50	94250HSN	94250HSNR	94250HSW	94250HSWR
55	94255HSN	94255HSNR	94255HSW	94255HSWR
60	94260HSN	94260HSNR	94260HSW	94260HSWR
65	94265HSN	94265HSNR	94265HSW	94265HSWR
70	94270HSN	94270HSNR	94270HSW	94270HSWR



LM-Activator 2 High Long

Model with a longer molar section for patients whose second molars have erupted. Delivered in a green box. The High-model of LM-Activator is thicker in the region of second premolars and molars. It is specifically designed for treating skeletal and dentoalveolar open bite cases.

Size	Narrow	Narrow Reinforced	Wide	Wide Reinforced
35	94235HLN	94235HLNR	94235HLW	94235HLWR
40	94240HLN	94240HLNR	94240HLW	94240HLWR
45	94245HLN	94245HLNR	94245HLW	94245HLWR
50	94250HLN	94250HLNR	94250HLW	94250HLWR
55	94255HLN	94255HLNR	94255HLW	94255HLWR
60	94260HLN	94260HLNR	94260HLW	94260HLWR
65	94265HLN	94265HLNR	94265HLW	94265HLWR
70	94270HLN	94270HLNR	94270HLW	94270HLWR

LMActivator

Used by hundreds of thousands of patients around the world | Clinically and scientifically proven | Evidence from cohort controlled and RCT research results



LM-Activator Low Short

Model with a shorter molar section for patients whose second molars have not yet erupted. Delivered in a yellow box.

Size	Narrow
10	94010LS
15	94015LS
20	94020LS
25	94025LS
30	94030LS
35	94035LS
40	94040LS
45	94045LS
50	94050LS
55	94055LS
60	94060LS
65	94065LS
70	94070LS



LM-Activator Low Long

Model with a longer molar section for patients whose second molars have erupted. Delivered in a blue box.

Size	Narrow
40	94040L
45	94045L
50	94050L
55	94055L
60	94060L
65	94065L
70	94070L



LM-Activator High Short

Model with a shorter molar section for patients whose second molars have not yet erupted. Delivered in an orange box. The High-model of LM-Activator is thicker in the region of second premolars and molars. It is specifically designed for treating skeletal and dentoalveolar open bite cases.

Size	Narrow
20	94020HS
25	94025HS
30	94030HS
35	94035HS
40	94040HS
45	94045HS
50	94050HS
55	94055HS
60	94060HS
65	94065HS
70	94070HS



LM-Activator High Long

Model with a longer molar section for patients whose second molars have erupted. Delivered in a green box. The High-model of LM-Activator is thicker in the region of second premolars and molars. It is specifically designed for treating skeletal and dentoalveolar open bite cases.

Size	Narrow
45	94045H
50	94050H
55	94055H
60	94060H
65	94065H
70	94070H

LM-ACTIVATOR STARTER KIT

The Starter Kit contains everything necessary to get started with LM-Activator. All Starter Kits include LM-Activator in different sizes.



LM-Activator 2 Starter Kit
- Low Short Narrow
94500LSNR

LM-Activator 2 Starter Kit
- Low Short Wide
94500LSWR

LM-Activator 2 Starter Kit
- Low Long Narrow
94500LLNR

LM-Activator 2 Starter Kit
- Low Long Wide
94500LLWR

LM-Activator 2 Starter Kit
- High Short Narrow
94500HSNR

LM-Activator 2 Starter Kit
- High Short Wide
94500HSWR

LM-Activator 2 Starter Kit
- High Long Narrow
94500HLNR

LM-Activator 2 Starter Kit
- High Long Wide
94500HLWR

LM-ACTIVATOR MOTIVATIONAL MATERIAL

Patient compliance is essential for successful treatment. The first month is crucial in adopting the habit to use the appliance (because creating a habit in general requires 3-4 weeks of regularity). To motivate the patient and his/her family, age appropriate material is available for both preadolescents and adolescents. It is important to make sure the patient and his/her family understands that irregular use may be equivalent with no treatment at all.



LM-Activator clinic marketing brochure
M1061EN

Instructions for patients in English
LM 94533 15 pcs



Reward cards
LM 94511 Skateboard 65 pcs
LM 94512 Football/Soccer 65 pcs
LM 94513 Bicycle 65 pcs
LM 94514 Horse and rider 65 pcs



Patient motivational material
LM 94531 poster & stickers 15 pcs

- A wall poster for tracking daytime and night-time use. It features a game-like progress path on which stickers are placed daily as recognition of successful use.

LM-ORTHOSIZER

LM-OrthoSizer is a measure for aiding the selection of the appropriate LM-Activator size. It can be used with or without its handle.

The measured size is indicative and LM-Activator should always be fitted to ensure the correct size.



LM-OrthoSizer

- LM 9400 LM-OrthoSizer without handle
- LM 942526 LM-OrthoSizer with handle (simple stem)
- LM 942826 LM-OrthoSizer with handle (cone socket)

- Measures the distance across the upper incisors from the distal surface of the left lateral incisor to the distal surface of the right lateral incisor
- Orthosizer is also compatible with mirror handles:
 - LM 25 ES
 - LM 25 XSI
 - LM 25 SI
 - LM 28 ES
 - LM 28 XSI

NEW!



LM-Activator 2 OrthoSizer

- LM 9402 LM-Activator 2 OrthoSizer without a handle

- A further improved scale with measures for both mandible and maxilla.
- Measures the distance across the incisors from the distal surface of the left lateral incisor to the right lateral incisor both for the mandible and for the maxilla.

LMTrainer



LM-Trainer Medium
LM 94100T

- Slots for incisors and cuspids
- Lip bumper



LM-Trainer Small
LM 94100S

- Slots for incisors, lip bumper
- Smaller and softer than LM-Trainer Medium



LM-Trainer Braces
LM 94100TB

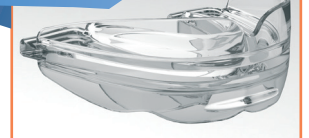
- Used in conjunction with brackets and wires
- Brings the mandible forward for Class II correction
- Prevents irritation and wounding of soft tissue
- Lip bumper

NEW!



LM-Trainer 2 M
LM 94100T2

COMING SOON!



LM-Trainer Braces 2 M
94100TB2M

COMING SOON!



LM-Trainer Braces 2 S
94100TB2S

ORTHODONTIC HAND INSTRUMENTS



The explorer-like end of the instrument can be used for both application and removal of ligatures. Ligatures can be lined up on the lower shank. The forked end is particularly suitable for guiding a ligature ring over e.g. the fourth wing of a bracket.



Bending the end of an arch wire can be problematic. Working space is limited and the wire is rigid. Double-ended LM-Arch Wire Tucker facilitates the bending. The flattened ball-ends have 1 millimeter holes, where the wire can easily be placed and turned. The blade is long and fits well even in tight places.



Mirror Handle, ortho

LMErgoSense	LM 25-26 ES
LMErgoMax	LM 25-26 XSI
LMErgoSense	LM 28-26 ES
LMErgoMax	LM 28-26 XSI

- For measuring overjet and overbite
- Millimeter scale, total length 25 mm

Ligature On-Off SL

LMErgoSense	LM 414-17CL ES
LMErgoMax	LM 414-17CL XSI

Plastic Ligature Applicator

LMErgoSense	LM 416-417 ES
LMErgoMax	LM 416-417 XSI
LMErgoNorm	LM 416-417 SI

Arch Wire Tucker

LMErgoSense	LM 412-413 ES
LMErgoMax	LM 412-413 XSI

Ligature Tucker

LMErgoSense	LM 414-415 ES
LMErgoMax	LM 414-415 XSI
LMErgoNorm	LM 414-415 SI

Ligature Tucker - Scaler U15

LMErgoSense	LM 414-150 ES
LMErgoMax	LM 414-150 XSI
LMErgoNorm	LM 414-150 SI

LMDental

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