

Miru

1 month Menicon

silicone hydrogel monthly disposable lenses



Technology in balance



Pioneers

Since 1951 Menicon have been pioneers in contact lens innovation, delivering ground-breaking contact lenses across the globe.

Technology and heritage

Today Menicon brings exciting new innovation applying our expertise and insight from a long heritage of world class contact lenses.

Dedicated to contact lenses

We create all our contact lenses from beginning to end, developing our own unique materials to which we apply the science of vision and design.

Committed to the environment

We are friendly to people, animals, and the environment with ecology at the core of our research and development programs.

Proud to introduce

Miru 1 month a unique family of silicone hydrogel monthly lenses.

To see, is to discover.

To see, is to be moved.

To see, is to laugh.

To see, is to question.

To see, is to understand.

To see, is to share.

From the time we open our eyes in the morning, until we close them again at night, our days and our lives are defined by what we see.

That's why we chose Miru a Japanese word meaning "to see" as the global brand name for our visionary new range of contact lens products.

Miru
by Menicon



Technology in balance



Health



Vision



Comfort

Miru 1 month a unique technology designed to meet the demands of today's contact lens wearer.*

Material and surface technologies

MeniSilk™

Unique silicone polymerisation,
innovative hydrophilic monomer

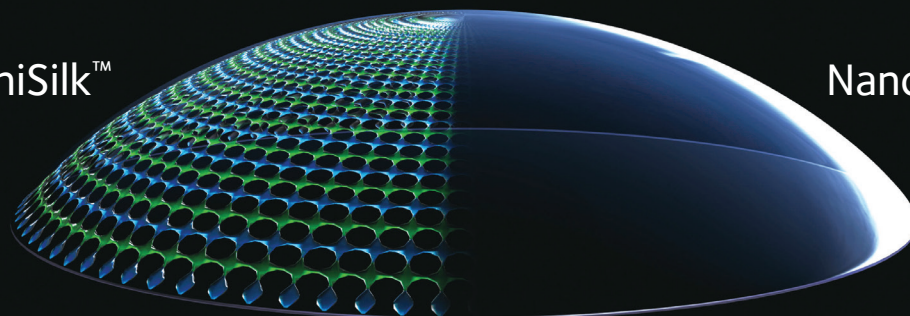
- Ultra high Dk/t
- Exceptional hydration
- Optimised transparency

NanoGloss™

Unique surface technology,
Nanometer precision

- Super smooth surface
- Resistance to bacteria
- Excellent wettability

MeniSilk™



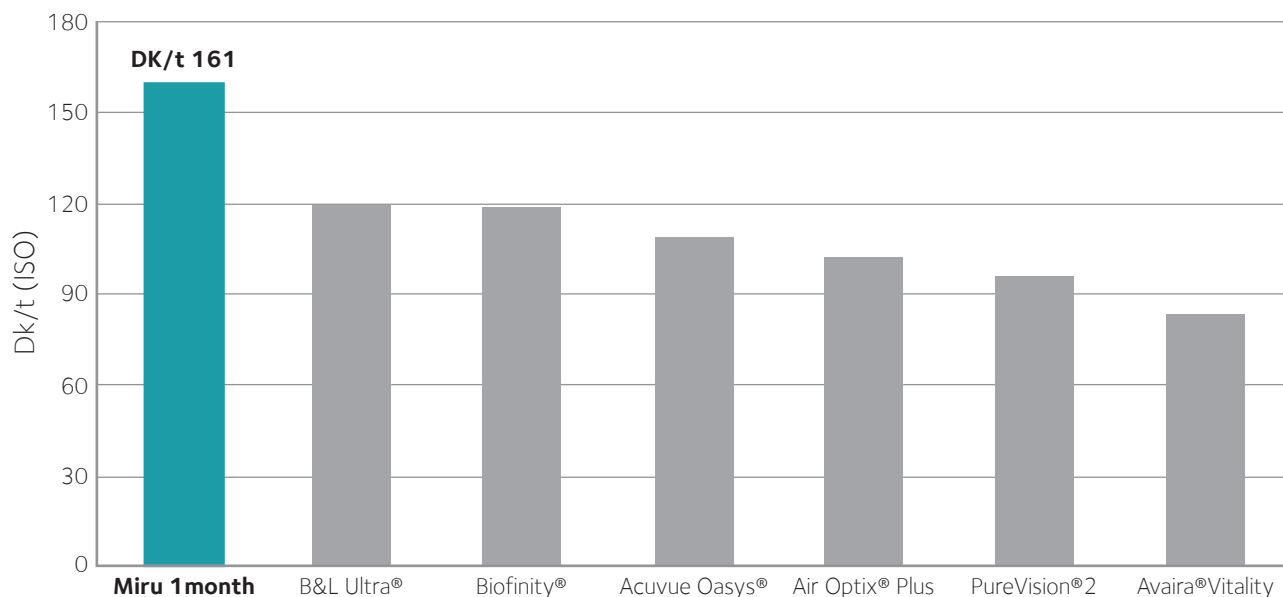
NanoGloss™



Health

Ultra Dk/t for healthy eyes

MeniSilk™ technology delivers one of the highest levels of oxygen transmission of any commercially available disposable lens.



Dk/t (ISO) @ -3.00 manufacturers data

Source ACLM Handbook 2019 (lens centre thickness @ -3.00 manufacturers data)

Benefits of oxygen

Eyes that can breathe are healthier, whiter and allow worry-free wear from morning until night.^{1, 2, 3}

Benefits of design

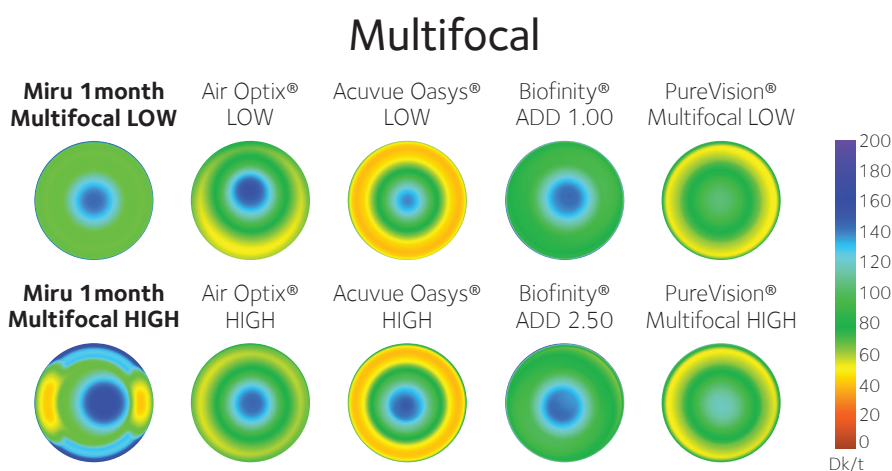
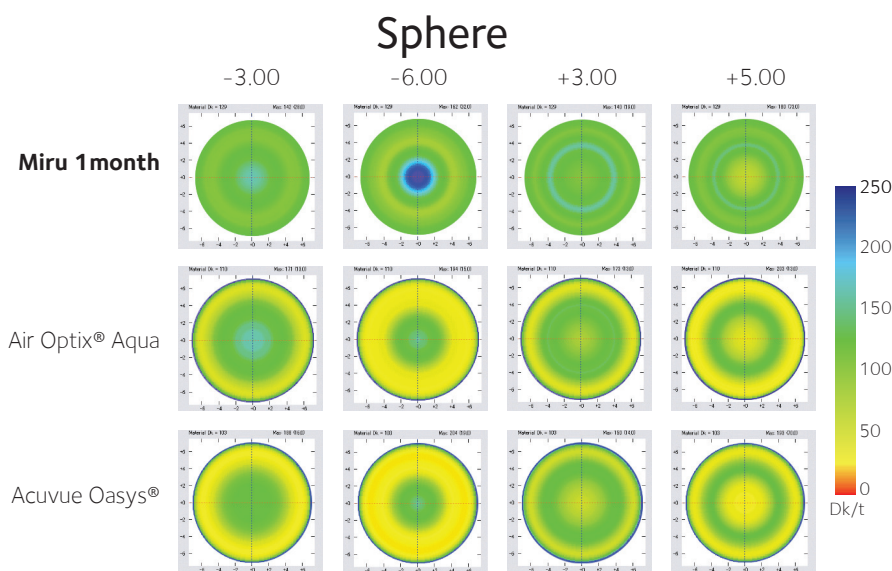
A totally breathable lens ensures every part of the eye gets the oxygen which is necessary for healthy, happy and whiter eyes.



Health

Thickness matters

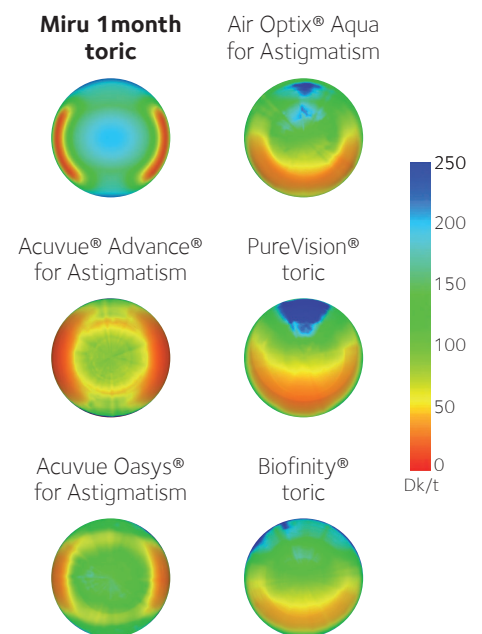
The thickness of a lens can significantly impact oxygen transmissibility. Miru 1 month sphere, toric and multifocal designs optimise oxygen transmissibility across the whole lens surface over the entire power range.



Oxygen transmissibility (Dk/t) based on the profile of the multifocal lenses.
Power: -3.00 D of each manufacturer

Toric

Miru 1 month toric has a prism free optic zone and asymmetric slab-off profile which ensures maximum oxygen transmissibility over the cornea.



Maximum transmissibility of oxygen from the centre to the periphery of entire power range.

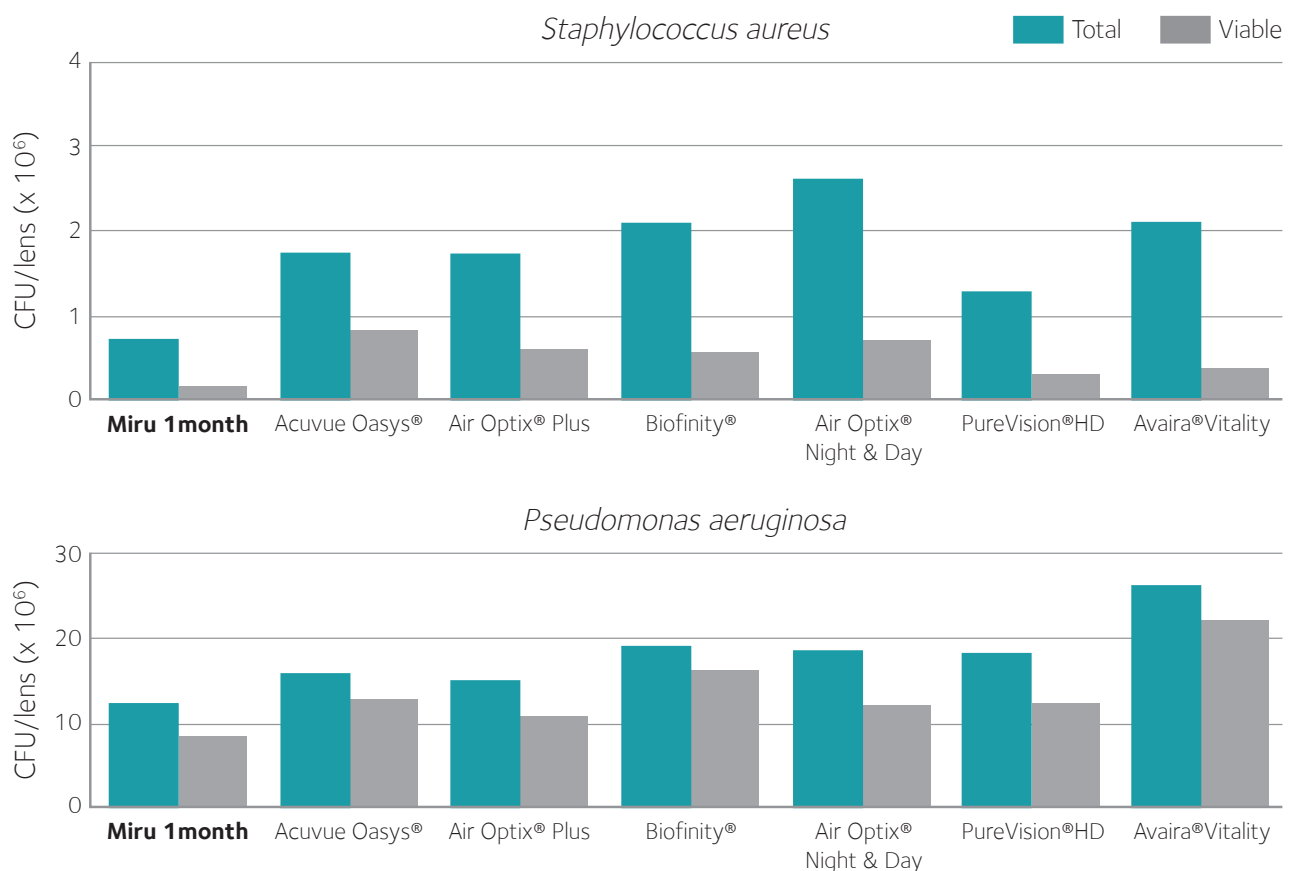
Transmissibility colour maps from different toric design lenses (Power: -3.00 D Cyl: -1.25 D Axis: 180°).



Health

Surface perfection for healthy eyes

Nanogloss™ nanometer precision technology provides a super smooth surface reducing bacterial biofilm adhesion and lipid deposits¹ supporting clean, healthy lens wear.



Miru 1month demonstrates the lowest level of bacterial adhesion on worn lenses when compared to other silicone hydrogel lenses.²

Miru 1month showed 100% deposit free findings on follow up when using MeniCare soft solution.³

Benefits of reducing deposits

A super smooth surface for cleaner lenses and healthy eyes which feel great and see clearly.

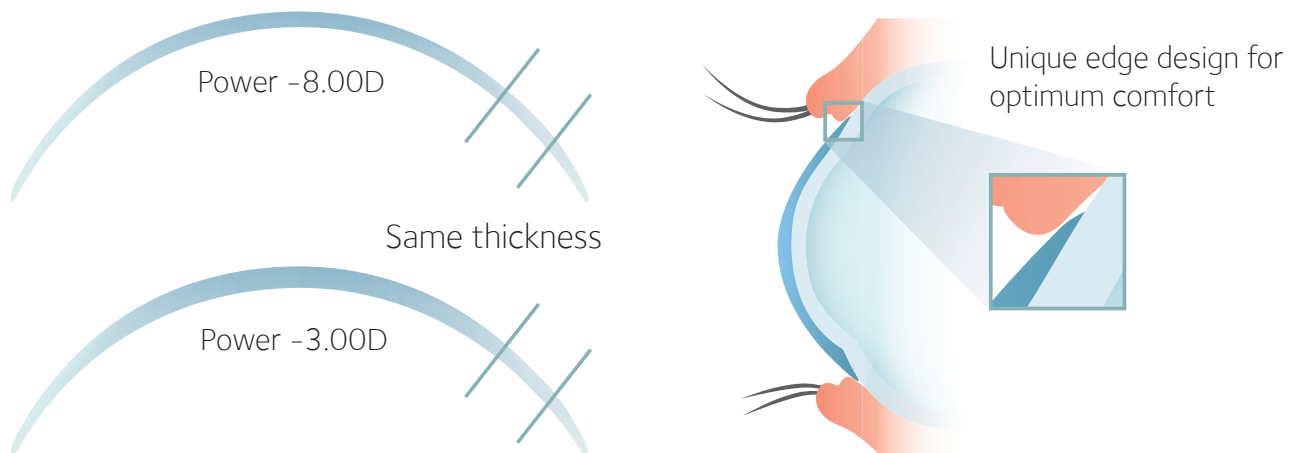


Comfort

Balancing design and material

Miru 1 month lenses have a unique edge profile applied across the whole power range providing the ultimate in uniform comfort.

Despite the power, the lens periphery and the edge thickness remain the same, eliminating comfort differences between eyes due to variation in edge thickness between lenses.



A unique balance of oxygen, water content and modulus.

	Dk/t	Water Content	Modulus
Miru 1 month	161	40%	0.9MPa

Benefits of edge design

The eyelids work hard blinking up to 28,000 times a day. This unique lens design allows lids to glide effortlessly over the lens for a more comfortable day.



Vision

Miru 1 month toric

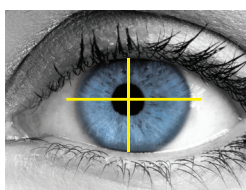
Visiostable design™

Unique double vertical asymmetric thin zones

Horizontal dynamic
stabilisation zones

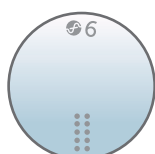
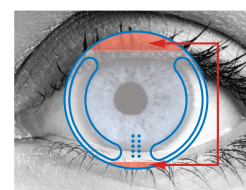


Prism free optic zone



Anatomical profile

The unique asymmetric vertical thin zones matches the eyelids' natural asymmetric coverage of the cornea harnessing the natural lid force, optimising centration and preventing rotation.



For effective unique asymmetric stabilisation insert lens with axis mark inferiorly and then follow your normal toric lens fitting process.

Benefits of Visiostable design™

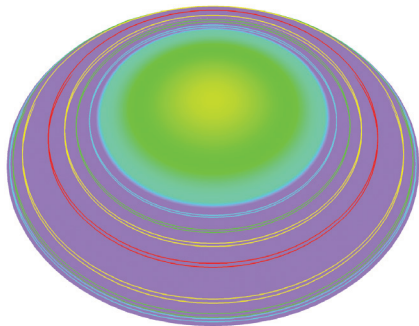
A lens designed to work with your eyes for clear and comfortable vision so you can get on with your life.



Vision

Miru 1 month multifocal

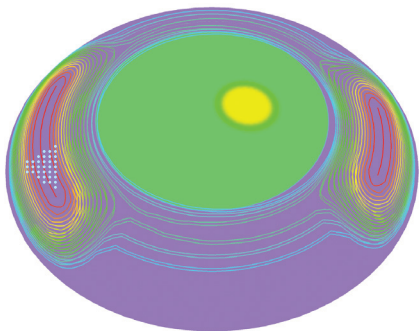
Innovation for presbyopia Dual Balanced Design®



LOW design

For earlier presbyopes with lower near vision needs

- Progressive multifocal geometry
- Centre near vision



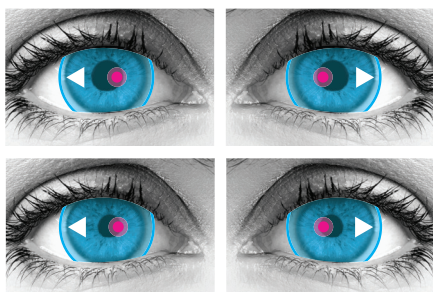
Temporal
indicator

HIGH design

For presbyopes with higher near vision needs

- **Decentered near zone**
- Dynamic stabilisation zones
- Vertical slab-off
- Temporal indicator

Miru 1 month multifocal showed good all round visual satisfaction with greater distance vision performance when compared to other monthly silicone hydrogel multifocal designs.¹



Distance viewing

- Relaxed accommodation
- Relaxed convergence

Near viewing

- Accommodation • Convergence
- Pupil constriction

Benefits of Dual Balanced Design®

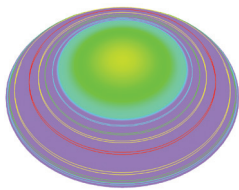
A lens designed to work with your eyes for clear and comfortable vision near and far.



Miru 1 month multifocal fitting guide

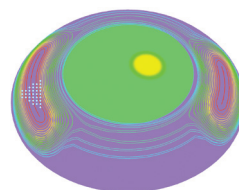


- Up to date spectacle prescription:** The essential starting point
 - **Best vision sphere:** Compensate for any astigmatism up to 1.00DC
 - **Maximum plus for distance vision and binocular balance:** Eyes relaxed and ready
 - **Vertex Distance:** For +/- 4.00D or greater
- ADD power:** Lowest Add for near vision needs e.g. mobile, tablet, PC
- Dominant eye:** Use the +1.00D blur method
- Initial lens selection:** Select your initial lens based on your wearer's ADD



LOW

Centre near vision
Natural transition through near, intermediate and far



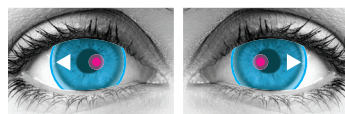
HIGH

Decentred near zone
Dynamic stabilisation zones
Temporal indicator

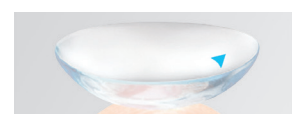
Initial lens selection				Near vision enhancements		Distance vision enhancements		OR	Distance vision enhancements	
Add	Dominant eye	Non dominant eye		Dominant eye	Non dominant eye	Dominant eye	Non dominant eye		Dominant eye	Non dominant eye
+0.75 to +1.75										
	LOW	LOW		LOW	LOW	LOW	LOW		HIGH	HIGH
+2.00 to +2.50						Distance vision enhancements are generally not needed for wearers of the HIGH design due to the decentred near vision zone. If necessary follow the same principles as for low add.				
	HIGH	HIGH		HIGH	HIGH					



10 minutes
'real world' adaptation



HIGH design temporal indicator
Triangle pointing to your ears!



HIGH design
with temporal indicator



83% first lens fitting success and 100% within two lenses.¹

Top tips for a successful multifocal fitting

Setting expectations:

Start by talking to your wearer and agreeing an initial goal.

- What does the patient want vs what is realistically achievable?
- Is their prescription within acceptable range. e.g. cyl no more than 1.00 DC?

Refraction:

Getting these right BEFORE you select your lens sets you up for a successful fit.

- **Spectacle prescription:** Always start with a new subjective refraction
- **Best vision sphere:** Remove cyl, leaving just the spherical component in the trial frame. Blur the Left eye with +1.00D and refine the Right eye to best vision using +/- 0.25 steps. Repeat for Left eye with blur lens over Right eye
- **Max plus and binocular balance:** Ensures eyes are relaxed and working together
- **Lowest near Add:** Establish this using appropriate near vision tasks e.g. mobile phone, watch, PC etc.
- **Vertex Distance:** Don't forget for +/- 4.00 or greater this can make all the difference

Dominant eye:

Knowing the dominant eye is useful for refining a prescription.

Use the +1.00 blur method: **the eye which accepts blur least well is the dominant eye.**

10 minutes 'real world' adaptation

After selecting the initial lens, allow your wearer time to check their vision in 'real world' situations such as mobile, PC, road signs etc.

HIGH design temporal indicator

Show wearers how to apply lenses with the small blue triangle pointing towards their ears!
This is important to ensure the near zone locates correctly.

Optimising vision:

Always push the plus for distance and preferably keep the add choice the same in both eyes. For vision enhancements follow our suggestions on the fitting guide. Remember no two presbyopes are the same, some useful examples:

- Myopes and emmetropes may prefer the HIGH design earlier
- Some hyperopes may prefer to remain with the LOW design with extra plus in the distance
- Younger presbyopes requiring good distance vision e.g. driving at night, may benefit from the decentered near zone of two HIGH lenses.

Dispensing:

Once your patient is comfortable with their vision allow adaption in their own time and environment before review and final dispensing.

Miru

1month Menicon

Product Specifications

Miru 1month Menicon		Sphere	Toric	Multifocal	
Characteristics	Material	asmoFilcon A (Silicone hydrogel)			
	Water Content	40%			
	Dk/t @ -3.00D	161x 10 ⁻⁹ (cm/sec) • (mLO ₂ /(mL x mmHg))			
	Centre Thickness	0.08mm @ -3.00D			
Parameters	Diameter	14.00mm		14.20mm	
	Base Curve	8.3mm/8.6mm		8.6mm	
	Sphere	+6.00D to -13.00D		+4.00D to -10.00D	
		0.25D steps 0.50D steps *No plano +6.00-6.00-13.00		0.25D steps 0.50D steps +4.00-6.00-10.00	
	Cylinder, Axis			-0.75D, -1.25D and -1.75D 10° around the clock	
				-2.25D Axis: 10°, 20°, 90°, 160°, 170°, 180°	
Addition			LOWHIGH		
Lens Marking					
Wear		Daily wear monthly replacement			
Packaging		Available in 3 and 6 Packs			