



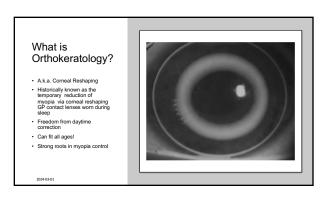


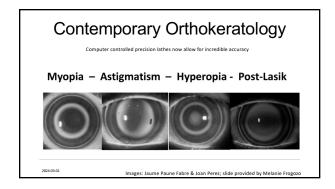


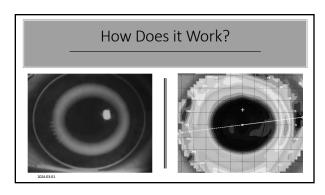
Orthokeratology
Defined

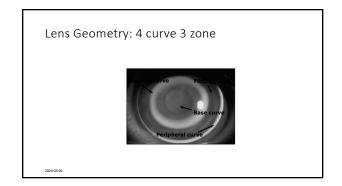
"The reduction, modification, or elimination of refractive anomalies by the programmed application of contact lenses or other related procedures."

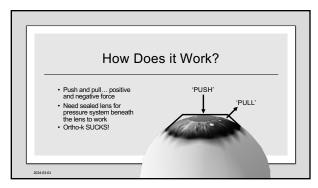
Orthokeratology, vol. 1, 1972

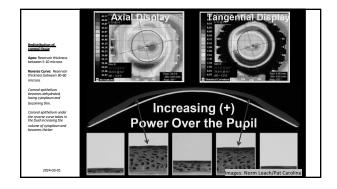


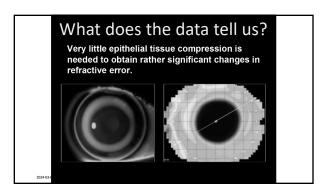




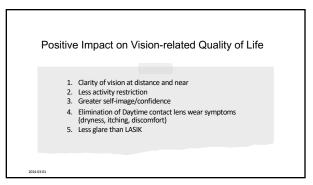




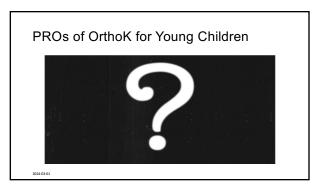




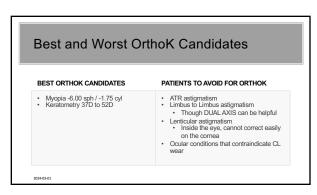










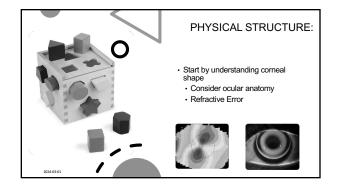


Orthokeratology Candidacy Considerations

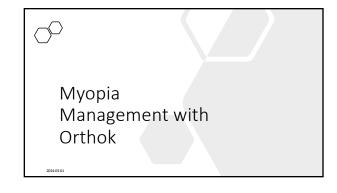
- Always consider (in addition to physical structure of eyes)

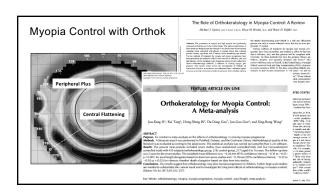
 - Age
 Attention/maturity
 - · Lifestyle/Hobbies
 - Experience of parents or siblingsDexterity

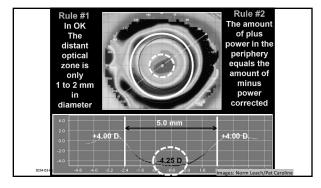
 - Motivation
- PHYSICAL STRUCTURE...

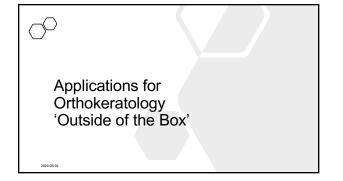


Physical Structure: Baseline Maps Helpful to identify Initial shape Astigmatism profile Eccentricity Pupil size Corneal size It also provides for the difference map comparison to be acquired at each follow-up visit!







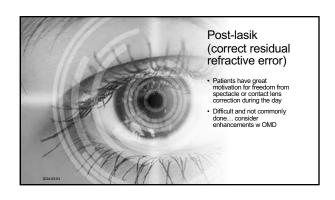




Hyperopia, Monovision

- Not FDA approved in the US for hyperopia
- Off-label
- · Aim to steepen the central cornea
- Can use in presbyopia (monovision) and low to moderate hyperopes
 Monovision: intentional under-correction of the near (non-dominant) eye
- Future uses include possible intended axial length increase...
 Opposite of myopia management but same principles of optical defocus theory

2024-03-01







Safety: What Does the Literature Say?

- Mind your safety education and compliance
 - Do not minimize risk factors
- · Have peer-reviewed resources
- When used as directed contact lenses are safe for kids & adults





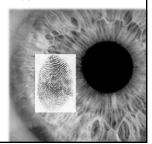




Toric Ortho-K: the (not so) New 'Black'

- Analogous to where we have gone with Scleral Lens fitting?
- Each patient has a unique 'ocular fingerprint'
 - Spherical Cornea
 - Regular Astigmatic Cornea
 - Irregular Cornea

Though not all patients need toric...

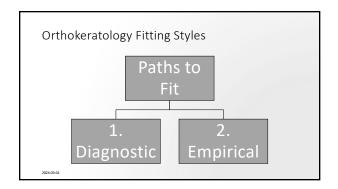


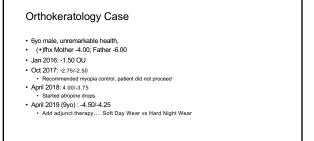
How to choose your lens design?

- Find a system that fits in your practice... consider geography/shipping, consultation service, products
- Choose the design that works best for you and become an expert in that design

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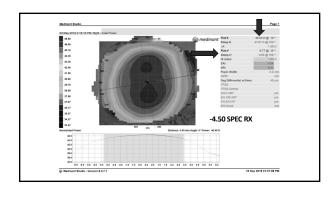


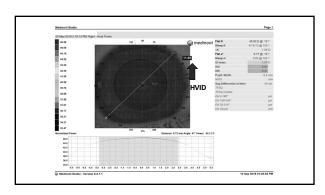
Orthokeratology Case

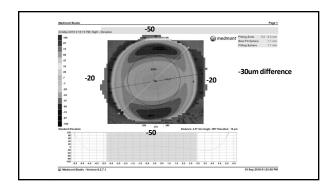
- Competitive BMX Biker
- No older siblings with contact lenses
- Parents wear glasses
- Mom likes the idea of no glasses or contact lenses during the day
- NEED TO EVALUATE STRUCTURE

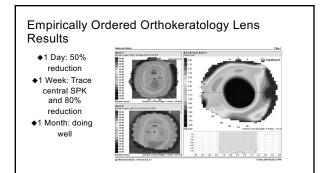
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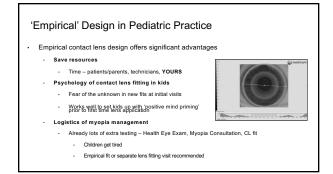
Orthokeratology Case: Contact Lens Therapies ORTHOKERATOLOGY Sphere between -1.75 and -6.00 Cylinder up to -2.00 (WTR is best) Avoid limbus-to-limbus Very young patients Swimmers Larger pupil size Smaller pupil size Smaller pupil size



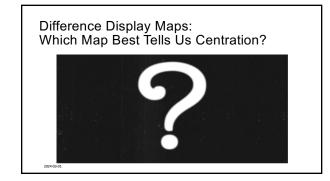


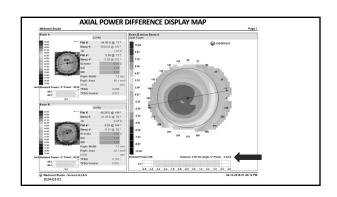


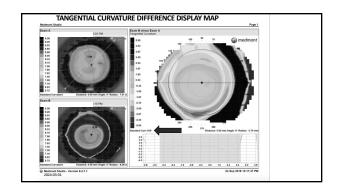


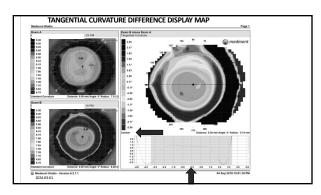




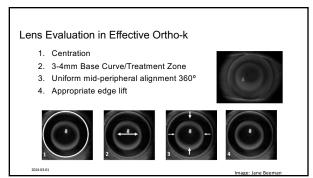




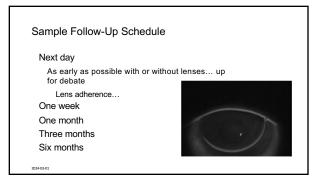












Sample General Testing for Follow-up Visits

- Unaided visual acuity
- · Refraction with BCVA
- Slit-lamp examination
- Corneal topography
- · Record time of visit
 - Time lenses were worn
 - Time lenses were taken off
- Inspect lenses
- · History of cleaning and conditioning solutions

Ortho-K Follow-Up Protocol: Day 1

- · Check VA
- · Slit-lamp examination/corneal health
- · Corneal topography: axial, tangential, difference maps
- · Record time of visit: time lenses worn, on/off
- · Inspect lenses
- · Double check on solution use
- Do not make lens changes too quickly (consider 7-14 days)
- · Schedule next visit

Extra Special Testing Considerations

- Pupil Size
- Binocular Vision Testing
 - · Accommodative lag
 - Accommodative amplitude
- Dry Eye Testing
 - · Contact lens wear is associated with dry eye
 - · Atropine contains harsh preservatives
 - DED exacerbated by increasing use of screens in youth

Remind Patient:

Bring lenses with you

to every visit





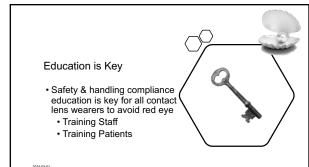
Embrace Contact Lenses for Youth

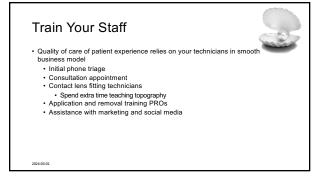
- Perception
- Attention
- · Difficult Application/Removal
- Non-compliance
- Reality
- Trust
- Motivation
- Coachable
- · Lower complication rate
- ALWAYS REINFORCE COMPLIANCE



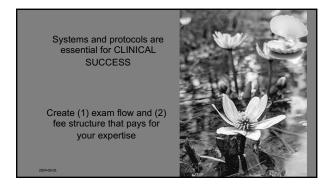








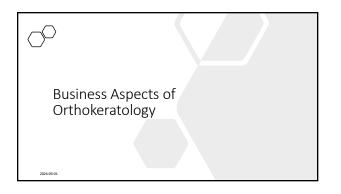




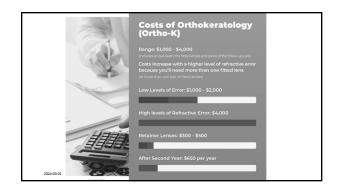
Have (many) Conversations with Your Industry Partners

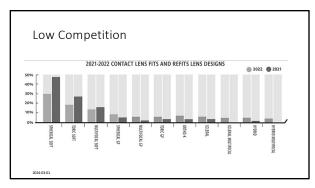
- They are 100% committed to positive patient health outcomes and experiences
- Your practice management success is a priority for them
- · Provides you with networking opportunities
- Stay up to date with products and technology, patients appreciate that

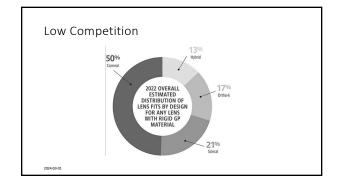
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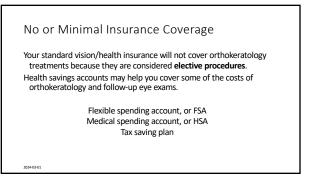














Types of Marketing

- · Internal Marketing
- Targeting patients that already exist in the practice
- External Marketing
- Targeting patients that haven't worked with you before



Internal Marketing - Orthokeratology

- Front desk appointments
- Script: "Are you scheduling for orthokeratology or a routine exam?"
- Signage within the office
- What is your patient seeing, reading or listening to in the waiting room?
- Utilizing the information received at check-in
- How are you using email addresses?
- Multiple advocates
- Are you the only one presenting orthokeratology as an option?
 Are you an advocate
- - When are you presenting orthokeratology as an option?

Internal Marketing



- Must have a SYSTEM-a PERSON in place
- Who is fielding all of these referrals?
 Who is answering all of their questions?
- Who is following up with leads?

It is vital to have someone in the practice who's role is to support and act on your leads.



Empower That Staff Member!

- Resources to succeed
 - Adequate training
 - Space to cater to prospective patients
 - Personal contact information (email, phone line, etc.)
 - · Applications to monitor leads
- Motivate them
 - Higher pay Management position?
 - Set goals and rewards
 - Commission based



External Marketing - Orthokeratology

- Traditional marketing
- · Radio and television advertising done correctly
- Billboards and Signage
- Advertisements placed in high volume areas to get peoples attention
- Targeted Google Ads
- LASIK alternative, Orthokeratology, No more glasses
- Retargeting Ads
 - Sending constant reminders to people that have come across your ads
- Social Media
 - · Understanding how to use the different platforms



