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# The Ergo Loupe Buyer's Checklist

**Not all ergo loupes are created equally.**  
**By Katrina M. Sanders RDH, BSDH. M.Ed, RF**

@TheDentalWINEgenist

A practical, clinician-focused guide to selecting ergonomic loupes that protect your neck and your visual system.

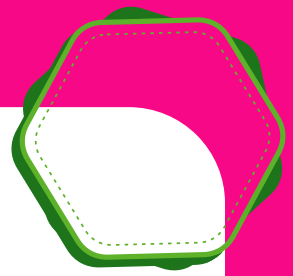
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## PART 1

# The Hidden Problem

When design is NOT for vision.



# The Hidden Problem

- **The problem is often optical design, not clinician adaptation**
- **Many clinicians invest in ergo loupes, but struggle to acclimate to them because of:**
  - Eye strain
  - Headaches
  - Motion discomfort
  - Visual distortion

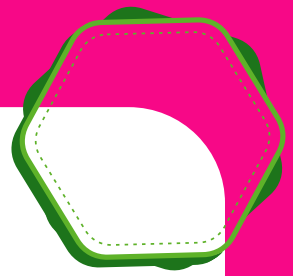


**87%** of dental professionals suffer from some form of eye strain.

Ergonomic posture should not come at the cost of visual comfort.



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## PART 2

# To Ergo or Not to Ergo

The real question.



# To Ergo or Not to Ergo

For years, I wore loupes thinking I had my ergonomics dialed in. **In my mind**, I was sitting up straight, protecting my body, doing all the “right” things. Then I saw the photos... and let’s just say: my posture had other plans.

## That was my wake-up call.

So I made the shift to ergonomic loupes: the kind that **force you to sit upright**. And at first, I thought, “**This is it. Problem solved.**” But then something unexpected happened. While my posture improved, I started noticing something else... eye fatigue, tension, that subtle feeling of “why does this feel harder than it should?” That’s when I realized: not all ergo loupes are created equally.

That’s me: not a cute look.



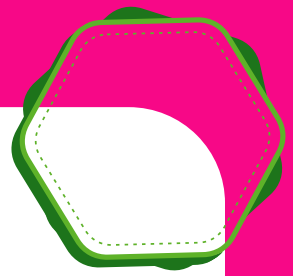
So now the question becomes:  
**To ergo or not to ergo?**  
Stay tuned.

**Eyestrain** is the most common occupational hazard in dentistry

Second to eyestrain is **lower back pain**



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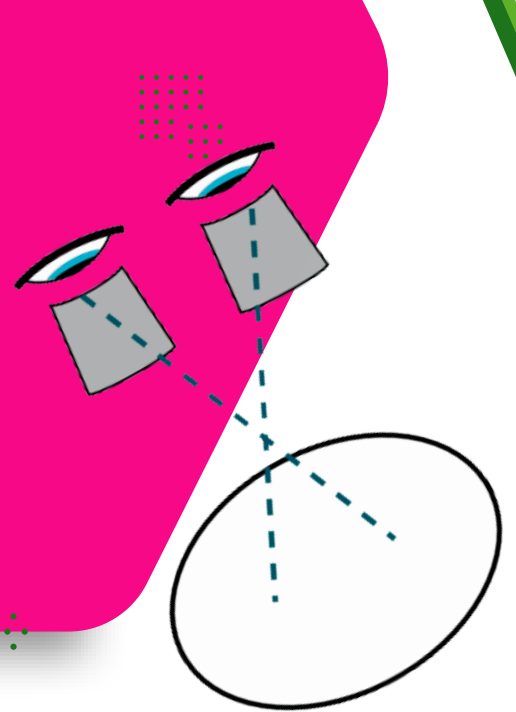
## PART 3

# Why Some Ergo Loupes Fail Clinicians

What most designs miss.



# Why Some Ergo Loupes Fail Clinicians



**This is where telescope orientation and design become critical.**

● **Most ergo loupes use traditional methods to align the images - angling the telescopes by rotating them towards one another.**

● **Optical bending can introduce:**

- Convergence distortion
- Image rotation
- Fusion difficulty
- Visual fatigue

● **The result of aligning them in this way:**

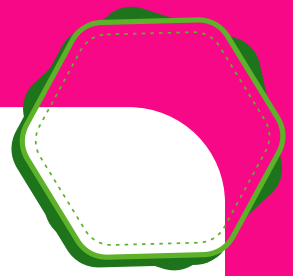
- Eye strain
- Double vision
- Motion sensitivity
- Headaches
- Shadows
- Fatigue

**Clinicians often remark: “I couldn’t get used to them”**

**If your loupes take several days to get accustomed to, you are likely compensating for your loupes as opposed to having them work for you.**



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## PART 4

# My Ergo Loupes Experience

Posture and optical protection.



# My Ergo Loupes Experience

It turns out, it's not just ergonomic posture...it's about ergonomic optics! The **Infinity VUE** loupes were superior:

- ① Straight-mounted telescopes (no rotating/angling)
- ① Patented optical configuration
- ① Achromatically coated wedge prism aligns images
- ① Alleviates convergence distortion on the visual field
- ① Focus on visual stability + image fusion comfort

I tried on the **Infinity VUE**: an ergo loupe differentiated by design yet validated by practice



Clear visualization with straight-mounted telescopes

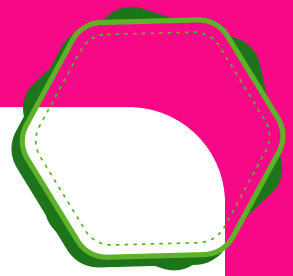


Distorted visualization with rotated + angled telescopes

Patented U.S. optical design platform



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## PART 5

# What Matters Most in Your Ergo Loupe?

Loupes that protect you.



# What Matters Most in Your Ergo Loupe?

Check all that apply, this will help you choose the right optical design.

## Visual Comfort

- Minimal eye strain
- Stable image
- No motion discomfort
- Easy depth perception

## Evaluation Experience

- Real clinical trial period
- Not just exhibit hall demo
- Returns/exchanges are NOT situational

## Clinical Performance

- Crisp image clarity
- Edge-to-edge sharpness
- Consistent magnification

## Adaptation Experience

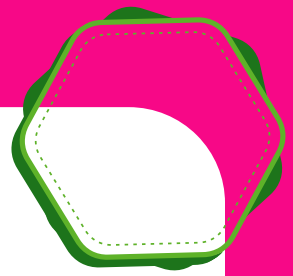
- Easy to get used to
- Comfortable for long procedures
- No headaches after use

**Pro Tip:**  
read the fine print  
on loupe  
returns and  
exchanges.





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## PART 6

# Why Exhibit Hall Trials Are Not Enough

A 5-minute trial is a sample.



# Why Exhibit Hall Trials Are Not Enough

If you only try ergo loupes under exhibit hall lighting for five minutes—you're not testing them. **YOU'RE SAMPLING THEM.**

- 🕒 5-minute booth demo ≠ real adaptation
- 🕒 Visual fatigue develops over hours, not minutes
- 🕒 Distortion discomfort is cumulative
- 🕒 Real-world clinical wear reveals true performance

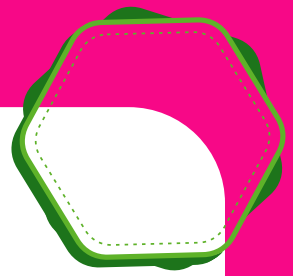


**Pictured:**  
**Infinity VUE**  
**Loupes** from  
**Designs for**  
**Vision**

An **in-office fitting** allows you to take advantage of the full trial period.



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## PART 7

# Why a Real-World Trial Period Matters

Testing for long term use.



# Why a Real-World Trial Period Matters



**A 5-minute demo can feel fine, but true performance is revealed hours into real patient care. A **real world trial** permits you to test your ergo loupes **IN DIRECT PATIENT CARE, TESTING:****

- 🕒 **Different procedures**
- 🕒 **Different days**
- 🕒 **Different lighting**

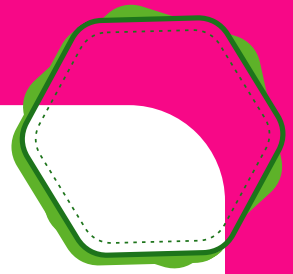


## **Katrina's Pro Tip:**

You don't feel chronic eye strain in five minutes...it develops over time.



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## PART 8

# The Clinical Buyer Checklist

Compare Before You Commit.



# The Clinical Buyer Checklist

Compare Before You Commit

## Instructions:

Use this scorecard to compare your current loupes, any ergo loupe you test, and the **Infinity VUE system which I personally recommend**.

Evaluate based on real clinical wear, not just a booth demo.

Rate each category from 1 (**POOR**) to 5 (**EXCELLENT**) after meaningful use.

## Visual & Optical Performance

Evaluation Category	Your Current Loupes	Other Ergo Loupe Tested	InfinityVUE
• Image clarity across full field	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Edge-to-edge sharpness	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Depth perception stability	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Image feels visually “stable”	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Easy image fusion (no double feel)	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5

## Ergonomic Performance

Evaluation Category	Your Current Loupes	Other Ergo Loupe Tested	InfinityVUE
• Neutral head posture	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Neck/shoulder comfort	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Indirect vision ease	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Consistency of working posture	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5

## Optical Design Questions (Check Yes/No)

Optical Design Factor	Your Current Loupes	Other Ergo Loupe Tested	InfinityVUE
• Straight telescope mounting	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Uses prism bending of telescope	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Distortion-control optical design	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Patent-protected optical system	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

# The Clinical Buyer Checklist

Compare Before You Commit

## Visual Comfort After Extended Wear

Evaluation Category	Your Current Loupes	Other Ergo Loupe Tested	InfinityVUE
• Eye fatigue at end of procedure	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Headache or pressure sensation	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Motion sensitivity	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Ease of visual adaptation	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
• Comfort by end of workday	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5

## Real-World Evaluation Conditions

Trial Factor	Your Current Loupes	Other Ergo Loupe Tested	InfinityVUE
• Tested only in exhibit hall	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Tested in real patient care	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Worn ≥ 1 full clinical day	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Multi-week adaptation period	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Formal trial program available	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

### Pro Tip:

Evaluate how your loupes feel after ≥ 2 clinical hours; not a short demo. A 'real life' trial will tell you if your loupes can withstand supporting you through your clinical schedule.





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COMPARE  
BEFORE  
YOU COMMIT.



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NOT ALL ERGO LOUPES ARE CREATED  
EQUALLY. TRUST YOUR EYES.