

Ceramic Dental Implant Clinic Evaluation Checklist

<https://claude.ai/public/artifacts/627f5f62-4ab2-4a1a-b197-3809877ecd80>

Intro

AI created based on their research (so please double check on your own) a comprehensive ceramic dental implant evaluation checklist that's organized into three priority levels:

Key Questions (9 items) - These focus on the most critical aspects: - Complete metal-free systems (including connection screws) - Ceramic surgical instruments - Material transparency and specifications - Clinical experience with ceramic implants

Medium Priority (8 items) - Important quality indicators: - Manufacturing standards and origin - Biological enhancement techniques - Training and certification - Cost transparency and warranties

Supplementary Questions (8 items) - For those wanting a deeper evaluation: - Advanced clinical protocols - Material science understanding - Patient support and education

The checklist includes various question formats (checkboxes, multiple choice, fill-in fields) and features a scoring guide with clear red and green flags. It's designed to be shared with dental professionals without bias, while effectively identifying clinics that meet the highest ceramic implant standards.

For those in a rush, focusing just on the Key Questions section will reveal whether a clinic truly offers 100% metal-free ceramic solutions or is among those making misleading claims about "ceramic" implants that actually contain titanium components.

Ceramic Dental Implant Clinic Evaluation Checklist

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*This evaluation tool helps patients assess dental clinics offering ceramic/zirconia implants against the highest industry standards. For those with limited time, focus on the **Key Questions** section first.*

KEY QUESTIONS (Critical for True Ceramic Standards)

Material Integrity

1. **Are your ceramic implants 100% metal-free throughout the entire system?**
 - ☐ Yes, completely metal-free
 - ☐ No, some components contain metal
 - ☐ Unsure/Need to check
2. **For two-piece ceramic implants, what material is the connection screw?**
 - ☐ Ceramic/Zirconia
 - ☐ Titanium
 - ☐ Carbon fiber
 - ☐ Other: _____
3. **What specific material are your ceramic implants made from?**
 - ☐ Yttria-stabilized zirconia (Y-TZP)
 - ☐ Alumina-toughened zirconia (ATZ)
 - ☐ Other ceramic: _____
 - ☐ Don't know the specific composition

Surgical Tools & Process

4. **Are all surgical instruments used for ceramic implant placement also metal-free?**
 - ☐ Yes, all ceramic tools
 - ☐ No, we use standard metal instruments
 - ☐ Mixed (some ceramic, some metal)
5. **Do you have ceramic-specific drilling protocols and instruments?**
 - ☐ Yes, complete ceramic surgical kit
 - ☐ No, we use standard titanium protocols
 - ☐ Modified standard protocols

Transparency & Verification

6. **Can you provide the exact manufacturer and product specifications for your ceramic implants?**
 - ☐ Yes (Manufacturer: _____)
 - ☐ No/Reluctant to share
 - ☐ Need to check with supplier
7. **Do your ceramic implants have any third-party quality certifications? (e.g., CleanImplant, FDA, CE)**
 - ☐ Yes (Which: _____)
 - ☐ No
 - ☐ Don't know

Clinical Experience

8. **How many ceramic implants has the primary surgeon placed?**
 - ☐ Over 1,000
 - ☐ 100-1,000
 - ☐ 10-99
 - ☐ Less than 10
 - ☐ This would be their first
 9. **What percentage of your implant cases use ceramic vs. titanium?**
 - ☐ Primarily ceramic (>50%)
 - ☐ Balanced mix (20-50%)
 - ☐ Occasionally ceramic (<20%)
 - ☐ Rare/special request only
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MEDIUM PRIORITY QUESTIONS (Important Quality Indicators)

Manufacturing & Quality

10. What is the manufacturing country of your ceramic implants?
- ☐ Switzerland
 - ☐ Germany
 - ☐ USA
 - ☐ Other: _____
11. Do you offer both one-piece and two-piece ceramic options?
- ☐ Both available
 - ☐ One-piece only
 - ☐ Two-piece only
12. What is the documented breaking strength of your ceramic implants?
- ☐ Over 1,200 MPa
 - ☐ 800-1,200 MPa
 - ☐ Below 800 MPa
 - ☐ Don't know

Treatment Approach

13. Do you use any biological enhancement techniques with ceramic implants? (*e.g., PRF, PRP*)
- ☐ Yes, routinely
 - ☐ Sometimes
 - ☐ No
 - ☐ What techniques: _____
14. Do you have specific training/certification in ceramic implantology?
- ☐ Yes, certified by: _____
 - ☐ General implant training only
 - ☐ No specific ceramic training
15. How do you determine if a patient is suitable for ceramic vs. titanium?
- ☐ Comprehensive biocompatibility assessment
 - ☐ Patient preference
 - ☐ Case-by-case clinical factors
 - ☐ Always recommend one type

Cost & Warranty

16. What is the cost difference between ceramic and titanium implants?
- Ceramic: \$ _____
 - Titanium: \$ _____
 - Difference: _____%
17. What warranty/guarantee do you offer on ceramic implants?
- ☐ Lifetime
 - ☐ 10+ years
 - ☐ 5-10 years
 - ☐ Less than 5 years
 - ☐ None
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SUPPLEMENTARY QUESTIONS (For Comprehensive Evaluation)

Advanced Clinical Protocols

18. Do you perform immediate loading with ceramic implants?
- ☐ Yes, routinely
 - ☐ Case-dependent
 - ☐ No, always delayed loading
19. What is your documented success rate with ceramic implants?
- ☐ >98%
 - ☐ 95-98%
 - ☐ 90-95%
 - ☐ Below 90%
 - ☐ Not tracked
20. Do you have specific protocols for different bone density types with ceramics?
- ☐ Yes, customized by bone class
 - ☐ Standard protocol for all

- ☐ Adaptive during surgery

Material Science Understanding

- 21. **Can you explain the difference between zirconium and zirconia?**
 - ☐ Clear, accurate explanation provided
 - ☐ Partial understanding
 - ☐ Unable to explain
 - ☐ Confused the terms
- 22. **Are you aware of “hybrid” ceramic systems that contain metal parts?**
 - ☐ Yes, and we avoid them
 - ☐ Yes, and we use them
 - ☐ Not aware of this issue

Patient Support

- 23. **Do you provide specific post-operative care instructions for ceramic implants?**
 - ☐ Yes, ceramic-specific protocols
 - ☐ Same as titanium
 - ☐ Basic instructions only
 - 24. **Can you connect me with previous ceramic implant patients for testimonials?**
 - ☐ Yes, multiple references available
 - ☐ 1-2 references
 - ☐ No patient references
 - 25. **Do you have educational materials specifically about ceramic implants?**
 - ☐ Comprehensive materials
 - ☐ Basic information
 - ☐ Nothing specific to ceramics
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SCORING GUIDE

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Key Questions (Questions 1-9)

- **8-9 “Best” answers:** Clinic meets highest ceramic implant standards
- **6-7 “Best” answers:** Good ceramic capability with some gaps
- **4-5 “Best” answers:** Basic ceramic offering, proceed with caution
- **<4 “Best” answers:** May not truly offer premium ceramic solutions

Red Flags

- Uses titanium screws in “ceramic” implants
- Unwilling to specify manufacturer/materials
- No ceramic-specific surgical tools
- Less than 10 ceramic cases experience
- Confused about zirconium vs. zirconia

Green Flags

- 100% metal-free entire system
- Ceramic surgical instruments
- Third-party quality certifications
- 100+ ceramic implants placed
- Clear material specifications provided

NOTES SECTION

Additional observations:

Overall impression:

Would you recommend this clinic for ceramic implants?

- ☐ Highly recommend
- ☐ Recommend with reservations
- ☐ Would not recommend
- ☐ Need more information

Remember: True ceramic excellence requires commitment to 100% metal-free solutions, proper training, and transparent communication about materials and methods.

(Internal refrence: <https://claude.ai/chat/94fead66-c2ad-4727-9735-7aba292e5527>)