

Atlantis® CAD/CAM patientenindividuelle Abutments

Wichtigste Merkmale

- Atlantis® Abutments sind patientenspezifische Produkte für zementierte, verschraubte und geschiebeverankerte Implantatrestorationen
- Merkmale der Atlantis® Abutment BioDesign-Matrix:

Virtual Atlantis Design (VAD)	für hohe Präzision und eine natürlichere Ästhetik
Natural Shape	für optimale Unterstützung und stabilen Halt der endgültigen Restauration
Soft-tissue Adapt	für optimale Unterstützung der Weichgewebeausformung und Anpassung an die fertige Krone
Custom Connect	für festen und stabilen Sitz

- Erhältlich für alle wichtigen Implantatsysteme, die in den Atlantis Implantatkompatibilitätstabellen enthalten sind, darunter Ankylos, Astra Tech Implant System und Xive.

Clinical results

Die klinische Verwendung von Atlantis Abutments wurde in Fallberichten¹⁻³⁰ und klinischen Studien³¹⁻⁵¹ beschrieben, in denen ästhetische Resultate für Abutments aus Titan^{3-12, 18, 34, 35, 37}, goldfarbenem Titan^{20, 21, 33, 34, 37, 39} und Zirkonoxid^{13-17, 32, 35-38, 45-50} berichtet werden. Die klinische Dokumentation zum Atlantis Abutment berichtet über Wiederherstellung und Erhaltung der Papille^{7, 13, 31, 34, 49, 50}, Schaffung von optimaler Weichgewebekontur und Austrittsprofil^{3, 8, 11, 13}, verbesserte Bewertung der rosafarbenen Ästhetik⁴⁸ und der Patientenzufriedenheit^{7, 19, 32, 35}.

Experimentelle Resultate

Experimentelle Studien berichten über verschiedene Aspekte der Atlantis Abutments⁵²⁻⁶⁶; darunter die ideale Passform zwischen Abutment und Implantat^{52, 53}, die Genauigkeit der Herstellung⁵⁷ und die ideale Passform und Retention von Kappen⁵⁴. Darüber hinaus wurden gute mechanische Eigenschaften, einschließlich Stabilität und Wahrscheinlichkeit, okklusale Kräfte zu widerstehen, für das Atlantis Abutment aus Zirkonoxid berichtet^{57, 60}.

Klinische Vorteile bei der Verwendung von Atlantis® Abutments

Die wissenschaftliche Literatur über individualisierte Atlantis Abutments hat mehrere klinische Vorteile gezeigt, darunter:

- Reduzierte Behandlungszeit¹²
- Kosteneffektive und vereinfachte Behandlungsverfahren¹⁰
- Reduzierte Anzahl von Abformungen mit Abutment-Duplikaten^{3-5, 11}
- Kompatibilität und Erfolg bei Kombination mit mehreren unterschiedlichen Implantatverbindungen⁵⁰

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