The All-on-4® treatment concept provides edentulous and soon-to-be edentulous patients with an efficient and effective restoration using four implants to support an immediately delivered full-arch prosthesis.

Proven long-term solution
Up to 10 years follow-up in the mandible and 5 years in the maxilla.\(^1,2\)

High survival rates
High cumulative survival rates (CSR) in both edentulous maxilla and mandible.\(^1,8\)
Mid-term 3–4 years 96.3–100% \(^4,6\)
Long-term 5–10 years 94.8–98.0% \(^1,2\)

Favorable bone and soft tissue parameters
Stable marginal bone levels\(^4,8\) and healthy soft tissue\(^5\) both for tilted and axial implants.

Rapid improvement in quality of life
Immediate implant loading with a fixed provisional prosthesis quickly leads to improved patient satisfaction – with regards to function, esthetics, sense, speech, and self-esteem.\(^7,8\) In an OHIP (oral health impact profile) study, 95% of 250 patients described themselves as being either extremely satisfied (74%) or satisfied (21%) with their new teeth, and 98% said they would definitely recommend (88%) or consider recommending (10%) similar treatment to friends and colleagues.\(^9\)

Shorter treatment times
Two key elements of the All-on-4® treatment concept significantly reduce treatment complexity, the number of surgeries, and the overall treatment time: tilting of the posterior implants avoids the need for time-consuming bone grafting procedures and reduces prosthetic cantilevers, while immediate loading shortens time to teeth.

Lower costs
The All-on-4® treatment concept is not only the least time-consuming treatment option in comparison with conventional implant treatment modalities of the edentulous and soon-to-be edentulous jaw, but also the least costly.\(^10\)

For healed and extraction sites
The All-on-4® treatment concept is successful in healed and extraction sites,\(^8\) also in combination with the treatment concept NobelGuide with guided drilling and implant insertion.\(^12,13\)

Stable bone levels around axial and tilted implants

TiUnite implants are the implants of choice for the All-on-4® treatment concept

Systematic review of clinical studies on All-on-4® treatment concept until August 3, 2012 (13 of 487 initially identified papers met the inclusion criteria). Nobel Biocare implants with TiUnite surface are predominantly used for this type of full-arch restoration (adapted from Patzelt et al. 2013).\(^11\)
Clinical evidence supporting the All-on-4® treatment concept

Published clinical studies evaluate the use of approximately 10,000 implants (NobelSpeedy Groovy, Brånemark System, NobelActive) in 2500 patients in both edentulous mandible and maxilla, with follow-up times of up to 10 years.

References


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