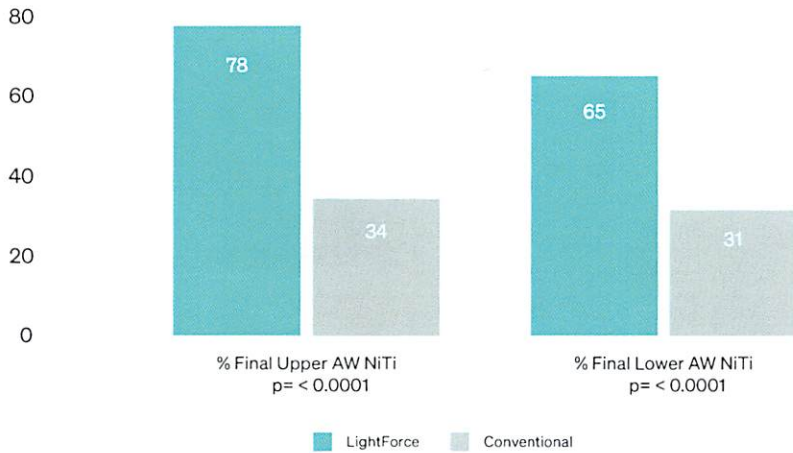


Final Archwires of LightForce and Conventional Bracket Groups

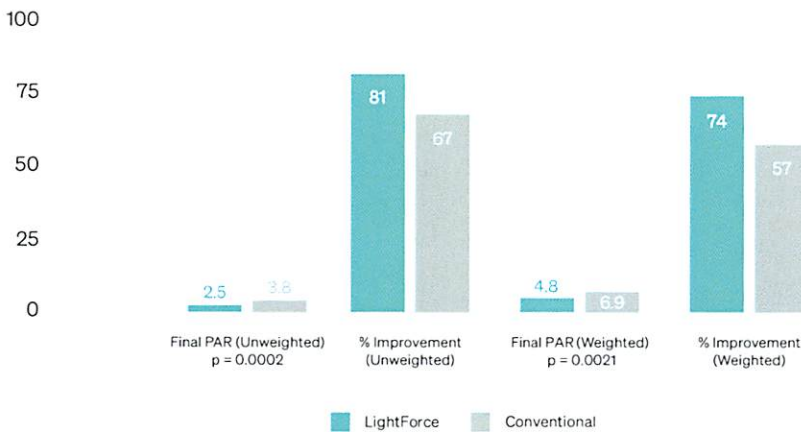


WIRE FINISHES

The study also tracked the number of cases that finished in NiTi wires, which were an indicator that detailing bends were not required.

Approximately 70% of the LightForce cases were finished with NiTi wires vs only 30% of conventional cases. Fewer detailing bends means fewer finishing appointments and less doctor time chairside.

Final PAR and % Improvement of LightForce and Conventional Bracket Groups



ACHIEVING GREAT RESULTS

The quality of outcomes for LightForce finished cases were compared with the conventional bracket finished cases using the Peer Assessment Rating (PAR) index.

Quality of the finished cases treated with LightForce was comparable if not slightly better than cases treated with conventional brackets in this doctor's practice, as indicated by a lower average PAR score. This means that the cases finished faster and with fewer appointments, without sacrificing results.

CONCLUSION

By incorporating LightForce into their practice, they were able to achieve great results while nearly **cutting the number of appointments** and treatment time in half. Combine your expertise with our technology to optimize your practice and design and deliver your ideal results.

Authored by Timothy T. Wheeler, D.M.D., Ph.D.



LIGHTFORCE

LEARN MORE AT WWW.LF.CO

Clinical Efficiency of LightForce 3D Custom Printed Brackets

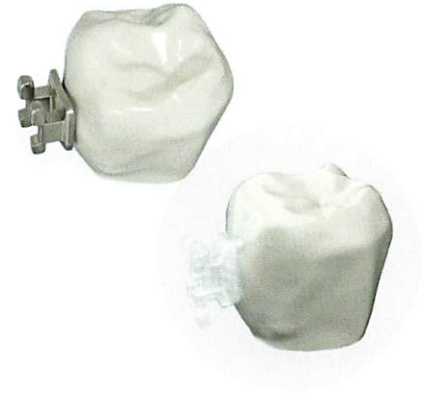
VS CONVENTIONAL PREADJUSTED BRACKETS

INTRODUCTION

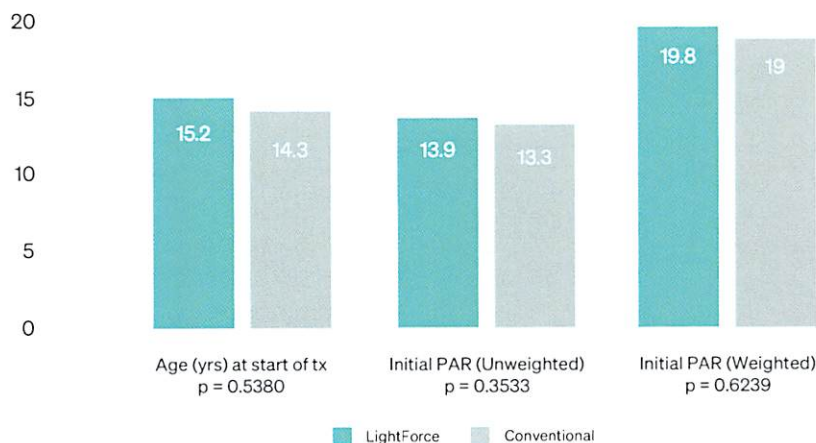
LightForce's 3D printed, personalized brackets, IDB trays, and digital planning tools are optimizing the efficiency of orthodontic treatment. These unique benefits of digital planning and 3D printing provide orthodontists with shorter treatment times and fewer appointments, without sacrificing results.

This study, conducted in one practice with 177 patients and

accepted for publication in the Journal of Clinical Orthodontics, compared consecutively finished cases bonded either with LightForce brackets or conventional brackets. The results showed that on average, LightForce cases finished with both significantly shorter treatment times and with fewer scheduled appointments than conventional brackets in that practitioner's office.



Comparison of Initial LightForce and Conventional Bracket Groups

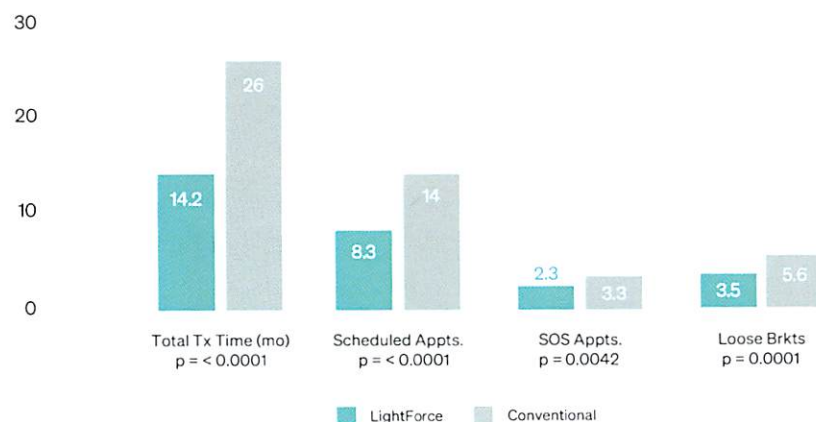


COMPARISON OF STUDY GROUPS

At the beginning of the study the LightForce and conventional bracket patient groups were of similar age and severity.

LightForce cases finished with both statistically significant shorter treatment times and with fewer scheduled appointments than conventional brackets.

Treatment Time, # of Appts. & Loose Brackets of LightForce and Conventional Bracket Groups



TREATMENT TIME AND APPOINTMENTS

On average, LightForce cases finished **45% faster with 41% fewer scheduled appointments** than conventional bracket cases.