Lucitone Digital Print Denture
Troubleshooting Guide for Clinicians & Laboratories
Denture Try-In

Posterior Teeth	Likely Cause	Next Steps
Occlusion at rest is misaligned	• Centric not captured correctly • Design not articulated • Bite registration material was not used	• Modify Try-In using new occlusal records ensuring centric registration is repeatable • Fabricate a bite registration • Reprint Try-In
Vertical is open	• Bite registration inaccurate • Centric not captured correctly	• Adjust any areas that may be impeding proper closure of bite • Add wax to close and re-establish correct vertical • Rescan, redesign, and reprint
Vertical is closed	• Bite registration is not accurate • Burn-through on the custom tray • Centric not captured correctly • Insufficient vertical space	• Adjust the Try-In for intaglio high spots • Establish centric relationship • New impression, take registration bite • Rescan, redesign, and reprint
Wrong occlusal strategy	• Prescription error • Design error	• Repeat Try-In

Anterior Teeth	Likely Cause	Next Steps
Midline is off	• Prescription error • Design error	• Adjust and evaluate if Try-In can proceed to final
Overbite / Overjet	• Design error • Case class problem • Clinician did not recommend classification set-up	• Verify class set-up with clinician • Redesign and evaluate if case can proceed to final denture • Repeat Try-In if overbite/overjet is severely off
Length of central short / long	• Incorrect prescription • Omitted or inaccurate incoming records • Smile line information missing • Design error	• Review in-coming records for accuracy • Adjust design and evaluate if case can proceed to final
Canine positioning off	• Incorrect prescription • Omitted or inaccurate incoming records • Distal of canines not marked on wax rim • Design error	• Review in-coming records for accuracy • Adjust design and evaluate if case can proceed to final

Phonetics issue	• Inclination of the incisal teeth	• Clinician to confirm phonetic issue:
		  1) Difficulty with S & H sounds - adjust teeth either facially or lingually
		  2) Difficulty with F & V sounds - adjust teeth higher or lower
		• Make adjustments, reprint Try-In

Esthetics & Other	Likely Cause	Next Steps
Lip support inadequate / too full	• Check bite rim, review patient assessment from profile view	• Clinician to provide adjustment (wax) • Modify teeth position in design (if required), redesign, and evaluate if case can proceed to final
Fit / Retention / Poor suction	• Review impression accuracy • Confirm if design included bar supports	• Repeat impressions, rescan, new models, redesign with bars, reprint Try-In
Discomfort / High spots	• Final impression not adjusted	• Add material in the design • Adjust Try-In, reprint, evaluate if case can move to final

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Lucitone Digital Print Denture
Troubleshooting Guide for Clinicians & Laboratories
Final Denture

Posterior Teeth	Likely Cause	Next Steps
Occlusion at rest is misaligned	• Centric not captured correctly • Design not articulated • Bite registration material was not used	• Clinician modify final. If modifications are acceptable for the patient, rescan the denture and upload the files to capture the new design records. • If modifications are not acceptable for the patient, take new occlusal records (if required). Lab to rescan, update design, and reprint final.
Vertical is open	• Posterior teeth are not properly equilibrated • Check final workmanship of tooth bonding procedure • Recheck previous scans and design	• Adjust any areas impeding proper closure of the bite • Add wax to close and re-establish the correct vertical • Rescan, redesign, reprint
Vertical is closed	• Design error • Check vertical space	• Clinician to adjust high spots of the intaglio surface • If acceptable for the patient, rescan the denture and upload the files to capture the new design records • If not acceptable, order a redesign and new Try-In
Wrong occlusal strategy	• Prescription error • Design error	• Repeat Try-In

Anterior Teeth	Likely Cause	Next Steps
Midline is off	• Prescription error • Design error	• Adjust and evaluate if design is printable or if a new Try-In is needed
Overbite / Overjet	• Design error • Case class problem	• Review Try-In and previous scan files for accuracy • Redesign, reprint final
Length of central short / long	• Design error • Workmanship error	• Review original scans and designs for errors • Confirm records with Clinician • Make adjustments to designs and reprint
Canine positioning off	• Design error • Workmanship error	• Review original scans and designs for errors • Clinician to confirm records • Make adjustments to designs and reprint

Phonetics issue	• Inclination of the incisal teeth	• Clinician to confirm phonetic issue:
		  1) Difficulty with S & H sounds - adjust teeth either facially or lingually
		  2) Difficulty with F & V sounds - adjust teeth higher or lower
		• Make adjustments, reprint denture

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