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### Maximizing mandibular prostheses stability using linear occlusion; a case report

#### Introduction:

mandibular denture stability has long been a challenge for dental professionals. Literature has supported the use of linear (also known as lineal) occlusion to enhance the stability of complete denture prostheses. It has been reported that linear occlusion minimizes horizontal force vectors that act to dislodge prostheses and so assists in stabilizing mandibular denture bases. This is particularly helpful for patients exhibiting advanced mandibular residual ridge resorption.

Method and materials: Linear occlusion consists of the following basic parameters:

- 1-Zero degree (flat plane) teeth are opposed by bladed (line contact) teeth in which the blade is in precisely straight line over the crest of the ridge.
- 2- Mandibular teeth are set to a flat (monoplane) occlusal plane.
- 3-There is no anterior tooth interference to protrusive or lateral movements.

#### Result and conclusion:

it has been suggested that with linear occlusion, exceptional mandibular prosthesis stability and patient satisfaction due to lack of movement of the denture bases, lack of sore spots, and fewer postoperative visits could be achieved. In this article the aforementioned technique is presented in the form of a case report.

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