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COUNTRY : Cambodia

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SUBJECT - Single Implant Placement with Guided Bone Regeneration for Missing Tooth #14

CASE DESCRIPTION

- The Cambodian male patient, age 46 year-old, presented with 3 unit-bridges (#14-15-16). The pontic #14 was designed for Mesial Cantilever. However, the patient complained about food trapped around the pontic during meals, particularly at buccal side more than palatal side.
- The patient had good medical condition.
- The treatment plan was decided to have separated crown of #14 from #15, 16 that would be feasible for teeth cleaning such as brushing or flossing and avoid food trapped.
- Anker SBII 3,5 x 8,5mm was surgically placed with Guided Bone Regeneration.



01 Oct-2017 OPG showed 3 unit-bridges of #14-15-16



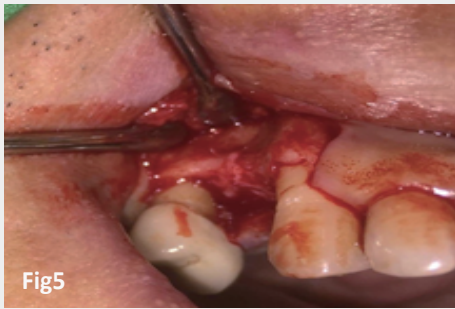
Intra oral examination with Occlusal View:
after 3 unit-bridge removals.
New PFM for #16 and 15 were made.
Region of #14 was planned for dental implant.



Photo Intra oral examination showed Buccal bone resorption that would cause foods trapped.



CBCT Planning: possible for
Anker implant size 3.5x8.5mm



The flap was raised: Two-side flap



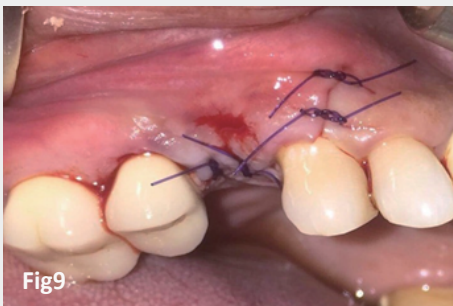
Subsequent Implant drills were used and checked for implant angulation.



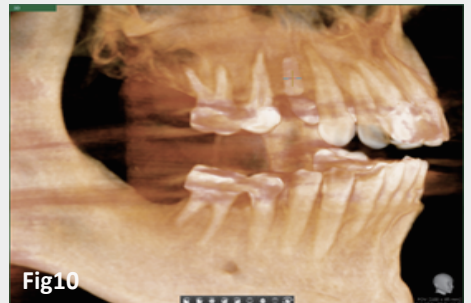
Anker 3,5 x 8,5mm was successfully inserted with more than 40 Ncm primary stability.



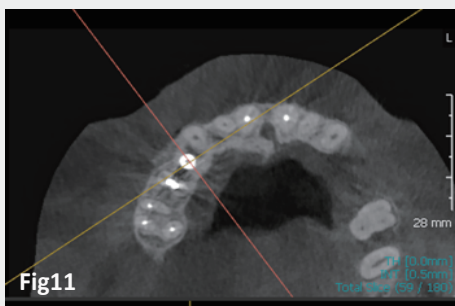
Buccal Bone was augmented with Bovine Bone Graft and covered with resorbable membrane.



The flap was closed with interrupted suture



CBCT : Post operation showed excellent implant position



CBCT: Post operation showed well buccal bone was augmented with GBR technique.



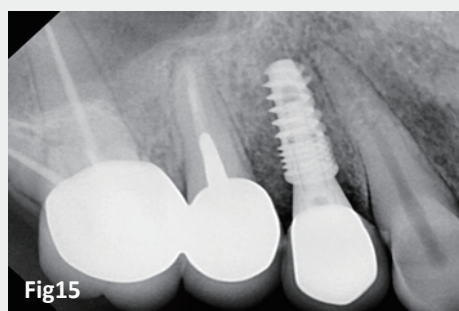
08th Dec 2017: 2months 1 week result with a new buccal contour.



05 Jan, 2018: 3 months 4 days
with Anker Dual Abutment



05 Jan 2018
Final Prosthesis with PFM.



Final PA Xray : Final result

Fig2

Fig2