60 years old patient Mr. Sanjeev Bajracharya visited the clinic on 12th December, 2019 to consult about dental implants.

On Clinical Examination,

3 unit PFM Bridge i.r.t 11, 21 and 22

4 unit PFM Bridge i.r.t 23,24,25 and 26

6 unit Pfm bridge i.r.t 33,34,35,36,37,38 and 44,45,46,47,48

Full coverage PFM crown i.r.t 12 and 43

Root Stump i.r.t 15 and 27

Grade II mobility i.r.t 31,32 and 41,42

For further investigation OPG and Full mouth CBCT were advised. Based on clinical examination and radiographic finding, complete extraction of all remaining teeth on upper arch followed by implant placement and splitting of all existing bridge on lower arch followed by fabrication of new bridge/implants was planned and discussed with the patient.

On 6th Feb 2020, existing PFM bridge i.r.t 44,45,46,47,48 and PFM crown i.r.t 43 was removed by splitting and temporary bridge fabricated on chairside i.r.t 43,44,45. On the same day, extraction i.r.t 15 and 47,48 was done under local anesthesia.

On 13th Feb 2020, existing PFM bridge i.r.t 33,34,35,36,37,37 was removed by splitting and temporary bridge fabricated on chairside i.r.t 33,34,35.

On 20th Feb 2020, extraction i.r.t 11,12 and 21,22,23,26,27 was done under local anesthesia. After extraction Helbo photodynamic therapy was done on the extraction side.( Helbo is an antimicrdaial photodynamic therapy which helps to significantly control bacterial infections. It is ideal to be administered before placing implants tp ensure bacterial pressure is minimized).

Then implants were placed on upper arch ( total of 6 implants:- Bredent bluesky) using Fast and Fixed protocol. On the same day, temporary implant supported denture was fabricated and given to the patient.

On 25th Feb 2020, new temporary bridge fabricated in the lab i.r.t 32,34,35 and 43,44,45 was cemented again. However, due to the poor periodontal condition of the existing teeth on lower arch, extraction followed by implant placement was planned foe lower arch as well.

On 3rd March 2020, extraction i.r.t 31,32,33,34,35,38 and 41,42,43,44,45 followed by Helbo photodynamic therapy was done. After which implants were placed ( total of 6 implants :- Bredent implants) following fast and Fixed protocol. On the same day, temporary implant supported denture was fabricated and given to the patient. Patient was then kept on regular follow-up.

On 14th July 2020, final PFM prosthesis on upper and lower arch was cemented after a series of trial work. Alginate impression was made for soft night guard which was delivered to the patient on 19th July 2020.