

**» RIDGE
SPLITTING with
Waterlase
& PRP**

I . P't Basic Data

Name : Miss Guo

Age : 35 yr-old

Gender : Female

Date : 2004.06.25

II . Chief Complaint

This patient was referred by another dentist for Max. ridge augmentation before his implants placement.



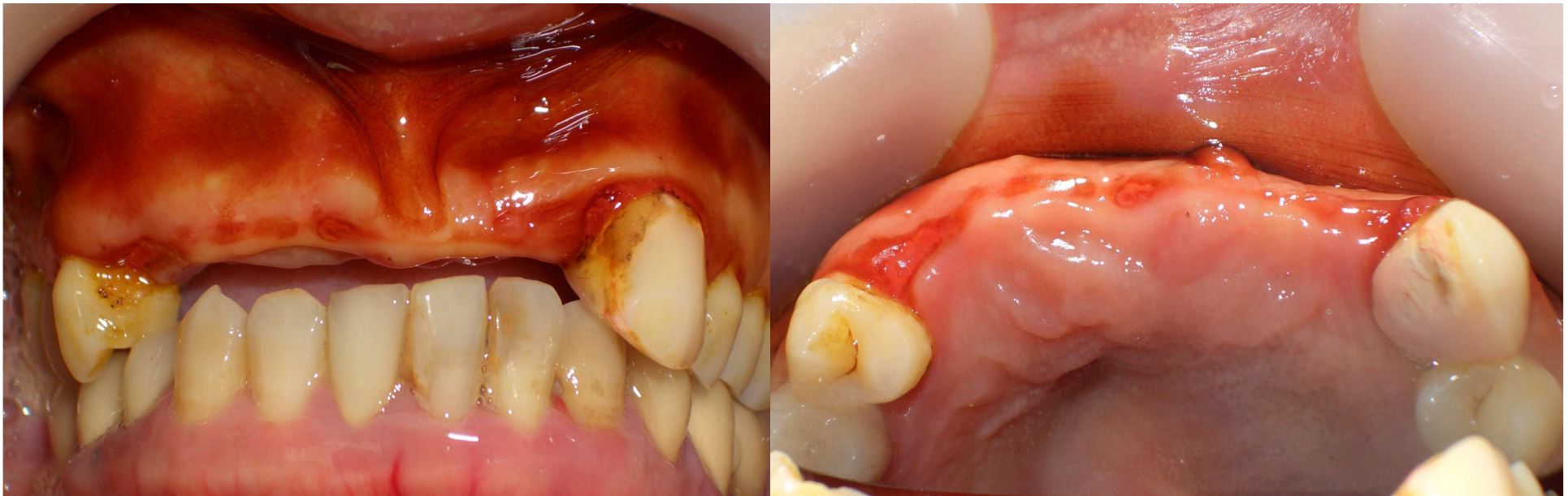
III . Medical History

No alcohol, No betenut, No cigarret

IV. Dental History

Restorative(+),Periodontics(+),Prosthetics(+),Extraction(+)

Intro-oral Findings



V. Roentgenographic Findings & Other Examinations

GUO.S.R.
0017971279
039Y
F

SE: 589
IM: 1
DFOV
mm
LOC:

Axial
Ex: 35625
Se: 2
I: 62.0
Im: 19
DFOV 16.6 cm
BONE/I

A 122

CATHAY GENERAL HOSPITAL
GUO S.R.
F 39 0017971279
Aug 26 05

R
9
4



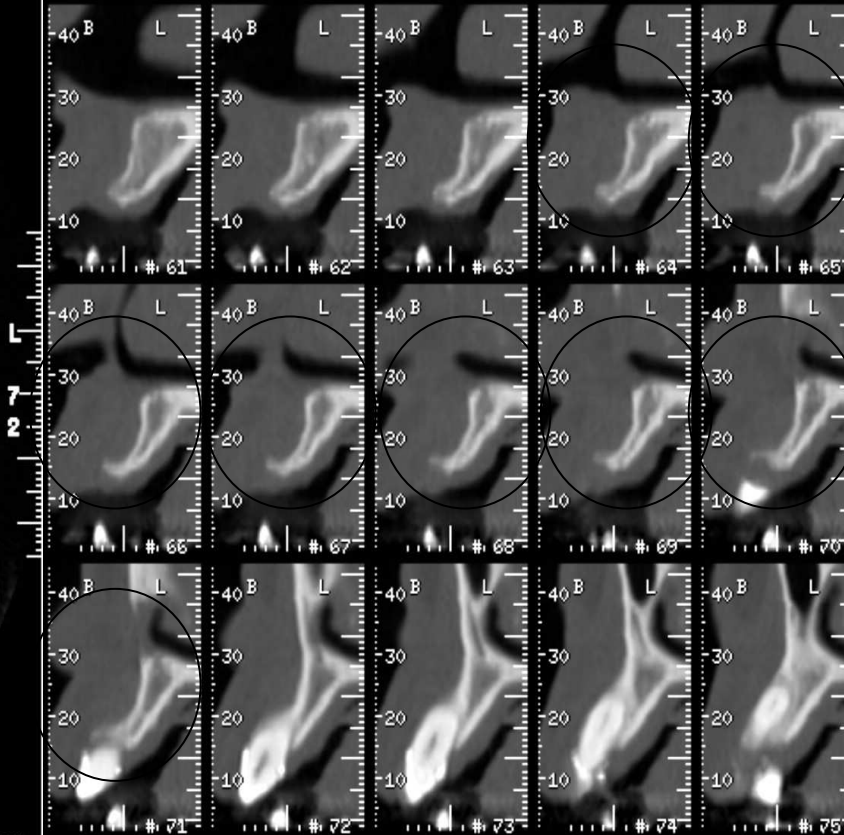
kv 120
mA 140
Tilt 0.0
04:56:58 PM

May not be life size
P44
B is Buccal, M is median, L is Lingual

Oblique x 1.0 mm
Panorex x 2.0 mm

GUO.S.R.
0017971279
039Y
F

SE: 589
IM: 7
DFOV
mm
LOC:



L
7
2

2005/08/26
16:56:58
CATHAY GENERAL HOSPITAL
W 3200 : L 600

CONTRAST:

2005/08/26
16:56:58
CATHAY GENERAL HOSPITAL
W 3200 : L 600

CONTRAST:

TMJ & Occlusion

- TMJ :
No deviation , no clicking sound
No M. tenderness M.O. : 40 mm
- Occlusion :

CIII

VI. Diagnosis

Maxillary ant.ridge width deficiency.

VII. Evidence Base (Articles Review)

Lee CY.

Procurement of autogenous bone from ramus with simultaneous the mandibular third-molar removal for bone grafting using the Er,Cr:YSGG laser: a preliminary report.

J Oral Implantol. 2005;31(1):32-8.

Er, Cr:YSGG laser in the procurement of bone harvested from the ramus and removal of third molars simultaneously from the mandible.

VIII. Prognosis

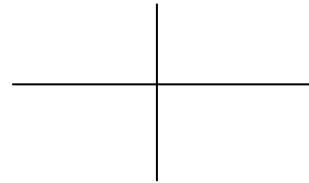
good

IX. Treatment Planning

#s13,12,11 area:ridge
splitting ;#s21,22 area :onlay
bone graft with block bone.

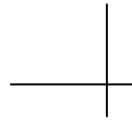
Phase II

1. Implant phase I surgery

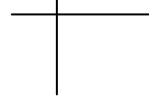


2. Minor teeth movement

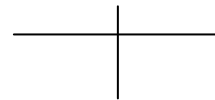
Distalization



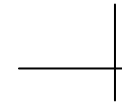
Forced eruption



Leveling



3. Re-evaluation of perio condition over
(Surgery or not)



4. Sinus lifting or ostectomy technique



Implantation (Phase I)

