

MB SPREADSHEET DISCUSSION:

An analysis of the spreadsheet document on 115 cases.

Time span: 1 year to 32 years (1981 – 4/22/2014)

Number of patients: 115

Most number in one patient: 4 (one in each posterior quadrant)

Male: 59

Female: 56

Years in service / (Actual bridges):

0 – (2)	17 – (6)
1 – (9)	18 – (3)
2 – (11)	19 – (3)
3 – (5)	20 – (1)
4 – (14) most	21 – (1)
5 – (7)	22 – (2)
6 – (8)	23 – (6)
7 – (7)	24 – (5)
8 – (6)	25 – (3)
9 – (4)	26 – (1)
10 – (4)	31 – (2)
11 – (3)	32 – (1)
12 – (2)	
13 – (3)	
14 – (7)	
15 – (1)	
16 – (2)	

0 – 10 years: 76, 48%

11 – 20 years: 31, 20%

over 21 years: 22, 14%

21 – 25 years: 17, 11%

25 – 30+ years: 5, 3%

*** 18% of total crowns are unaccounted due to patients moving away and losing contact/touch.**

Pontic Tooth Number / (Number Replaced)

2 – (2)	18 – (5)
3 – (11)	19 – (25) most used
4 – (10)	20 – (15) 3 rd most used
5 – (7)	21 – (5)
6 – (2)	23 – (1)
7 – (10)	24 – (2)
8 – (8)	25 – (1)
9 – (11)	26 – (2)
10 – (15) 3 rd most used	27 – (1)
11 – (1)	28 – (2)
12 – (2)	29 – (12)
13 – (8)	30 – (24) 2 nd most used
14 – (8)	31 – (3)
15 – (1)	

Abutment Tooth / Number of Abutments

1 – (2)	17 – (5)
2 – (10)	18 – (23) most
3 – (8)	19 – (10)
4 – (15)	20 – (21) 2 nd most
5 – (14)	21 – (14)
6 – (17)	22 – (15)
7 – (9)	23 – (1)
8 – (14)	25 – (1)
9 – (16)	26 – (2)
10 – (7)	27 – (4)
11 – (18)	28 – (12)
12 – (9)	29 – (16)
13 – (9)	30 – (5)
14 – (9)	31 – (20) 3 rd most
15 – (8)	32 – (4)
16 – (1)	

The most commonly replaced tooth is #19, followed by #30, #10, #20 and then #8.

Total number of Anterior teeth replaced: 54 (28%)

Total number of Posterior teeth replaced: 140 (72%)

Total teeth numbers replaced: 194

The only tooth not yet replaced in our study is #22.

Total number terminated by extractions: 6 (4%)

Total number terminated by death: 16 (10%)

Total number never removed: 55 (35%) – some died with them in place

Total number remade: 20 (13%) – (a few more than once mostly from trauma)

Total number never remade therefore still functioning: 120 (76%)

Total number of males: 59

Total number of females: 56

Youngest patients: Jennifer and Lee Ann both 18 years old

Oldest patients: several age 80+

Average age of Maryland Bridges with rebonds is 10 years. Range (1-23)

Average age of MB that was removed is 7 years. Range (1-21)

Average age of MB when patient died is 11 years. Range (2-20)

Average age of Combination Bridges: 9 years. Range (1-19)

Most number of rebonds on one patient: 10 times – Christy (handicapped patient)

Bonding Agents/Materials used: (documented number of cases – represents some rebonds)

- **Bonding Wings:**

Comspan – 44

Enforce – 29

Panavia – 13

Rely X ARC – 134

- **Cementing Combo Crowns:**
Rely X Luting Cement – 5
ZnOPO₄ – 14

Failures:

Clinch/Grind (no nightguard use): 6 (4%)
Blows to that tooth / Seizures and Falls: 4 (3%)
Bones, Ice, Popcorn, Candy: 8 (5%)
Failure to Brush, Floss, Maintain Hygiene: 5 (3%)
Removed by another dentist: 3 (<2%)
Remade only due to debond: 9 (~6%)

Successes:

Ranges from 90% - Extractions
Ranges from 90% - Death / Lost Contact with Patient
Ranges from 90% - Due to De-Bonds / OK to Re-Bond or Re-Do
Ranges from 80% - Clincher / Grinder / Trauma Patient

Labs

ADL
Bo Braize
Farmers Branch
Fiji
Highland
Image
Keller
Oral Arts
Reed
YDL