

NATIONAL EXAMINING BOARD FOR DENTAL NURSES

NATIONAL DIPLOMA EXAMINATION

DENTAL CHARTING

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Registered with the Charity Commissioners No. 1112331

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NATIONAL EXAMINING BOARD FOR DENTAL NURSES

DENTAL CHARTING

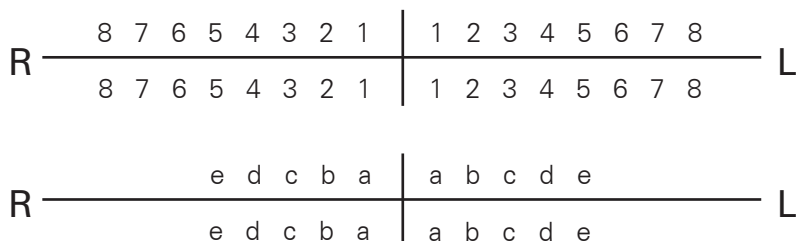
Dental charting is an essential element of the role of the Dental Nurse. NEBDN acknowledges that there are a number of systems and software used to record charting. It also recognises that there are local and regional differences in registering patient details. The following notations are to be used when completing or interpreting a written chart for the National Diploma Examination.

A chart is a diagrammatic representation of the teeth showing all the surfaces of the teeth. The charts in the examination will be used to show:

- Teeth present
- Teeth missing
- Work to be carried out
- Work completed
- Surfaces with cavities and restorations etc.

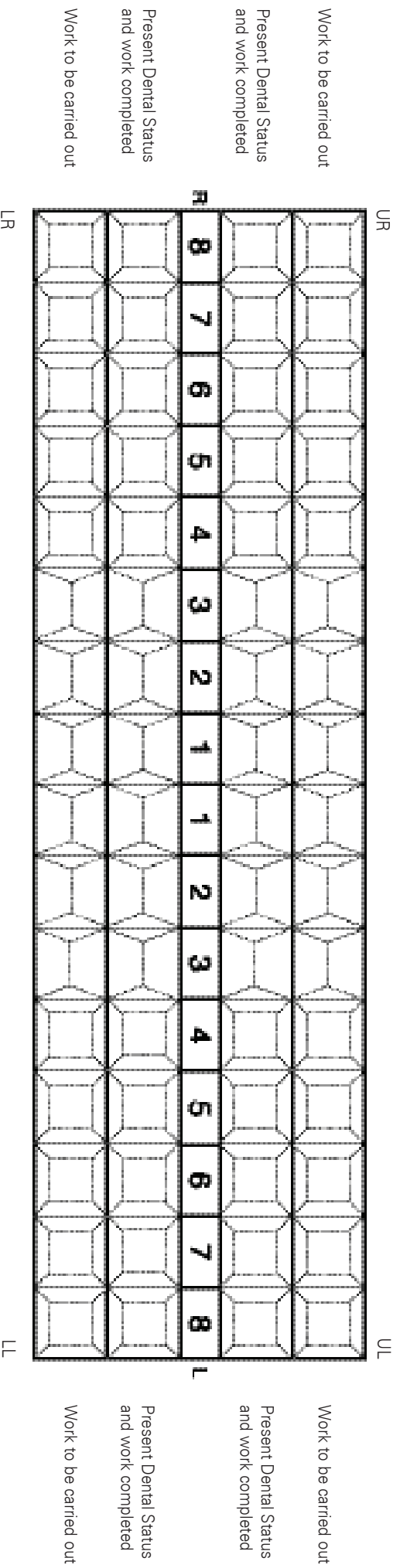
When charting, the mouth is looked on as being a flat line. The diagram is viewed, as you would examine the patient's mouth.

Zsigmondy-Palmer Notation



Forensic Notation

Most charts have an inner and outer grid. NEBDN has introduced a new grid, which will make clear the work that has been completed in the mouth and the work which needs to be done. An example of the grid is given below.



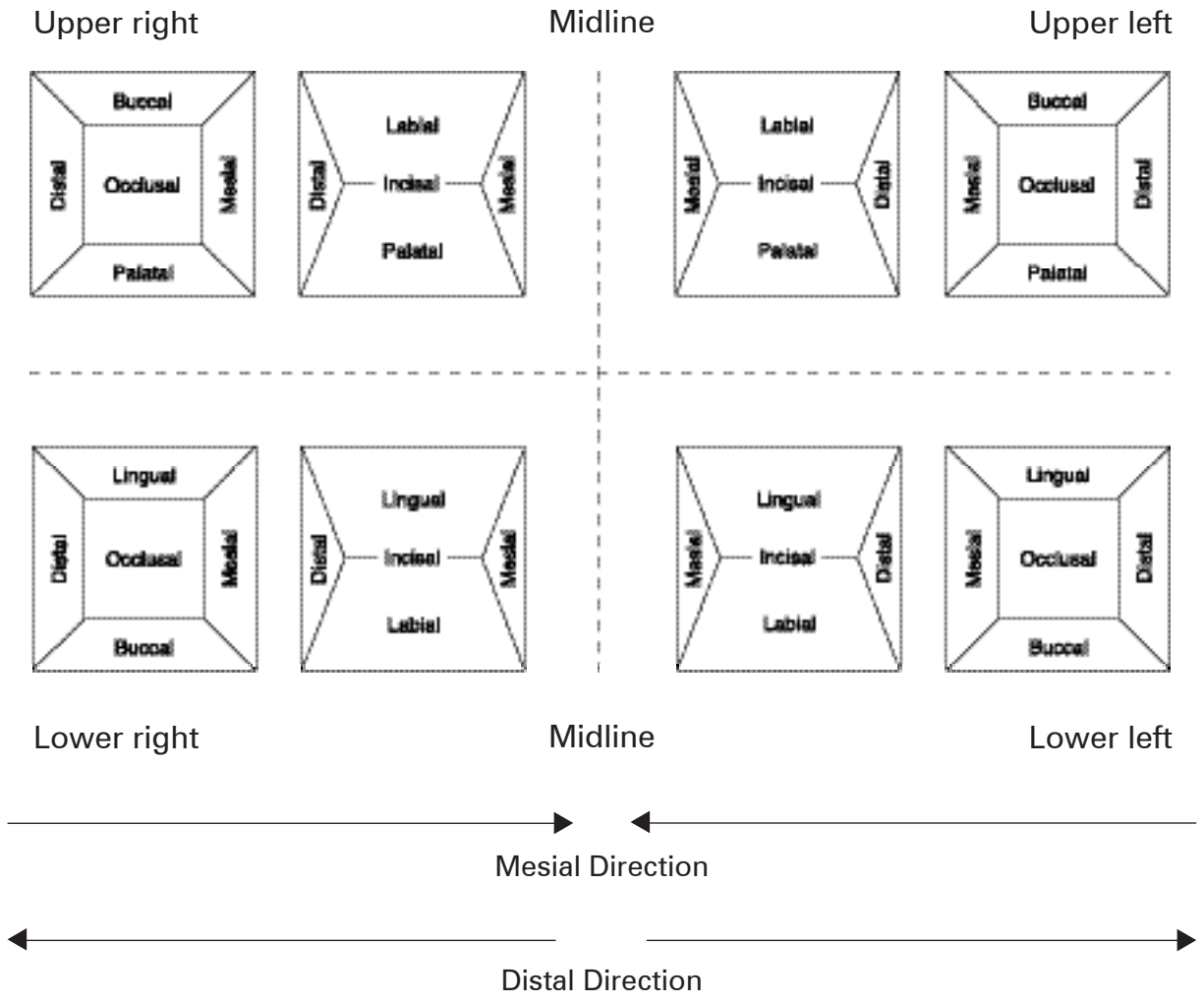
The inner grid is for present dental status and work already present in the mouth. The outer grid is for work to be carried out.

TOOTH SURFACES

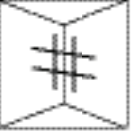
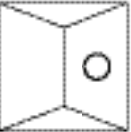
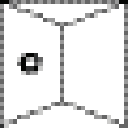
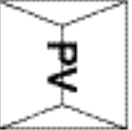
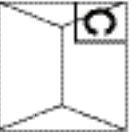
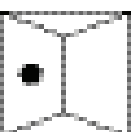
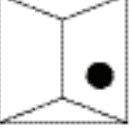

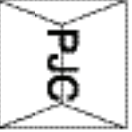

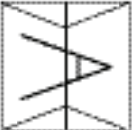

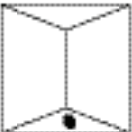
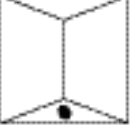
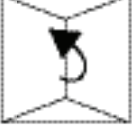

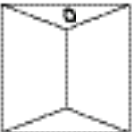
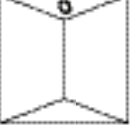
In order to complete the chart accurately candidates should be able to identify and note the correct surfaces of teeth. These are:

DEFINITIONS

- Incisal** the biting edge of the incisors and canines
- Occlusal** the biting surfaces of premolars and molars
- Mesial** the surface of any tooth nearest to the mid-line of the arch
- Distal** the surface of any tooth furthest from the mid-line of the arch
- Buccal** the surface facing the cheeks (molars and premolars)
- Labial** the surface facing the lips (incisors and canines)
- Palatal** the surface facing the palate of all upper teeth
- Lingual** the surface facing the tongue of all lower teeth
- Cervical** the part of the tooth next to the gingival margin



ACCEPTED NOTATIONS Incisor Teeth

	Midline	
<p>Upper Right</p> <p>Fracture </p> <p>Labial Cavity </p>	<p>Midline</p> <p>Palatal Cavity </p>	<p>Upper Left</p> <p style="text-align: right;">Work to be carried out</p>
<p>Porcelain Veneer </p> <p>Carine Present Retained C </p> <p>Palatal Restoration </p>	<p>Labial Restoration </p> <p>Root Filled Palatal Restoration </p> <p>Porcelain Jacket Crown </p> <p style="text-align: right;">Present status and work completed</p>	<p style="text-align: right;">Work to be carried out</p>
<p>Porcelain Bonded Crown </p> <p>Artificial Tooth Present </p> <p>Tooth Rotated Distally </p> <p>Mesial Restoration </p>	<p>Distal Restoration </p> <p>Tooth Rotated Mesially </p> <p>Crown </p> <p style="text-align: right;">Present status and work completed</p>	<p style="text-align: right;">Work to be carried out</p>
<p>Lower Right</p> <p style="text-align: right;">Work to be carried out</p>	<p>Midline</p> <p>Distal Cavity </p> <p>Mesial Cavity </p>	<p>Lower Left</p>

ACCEPTED NOTATIONS
Premolar and Molar Teeth

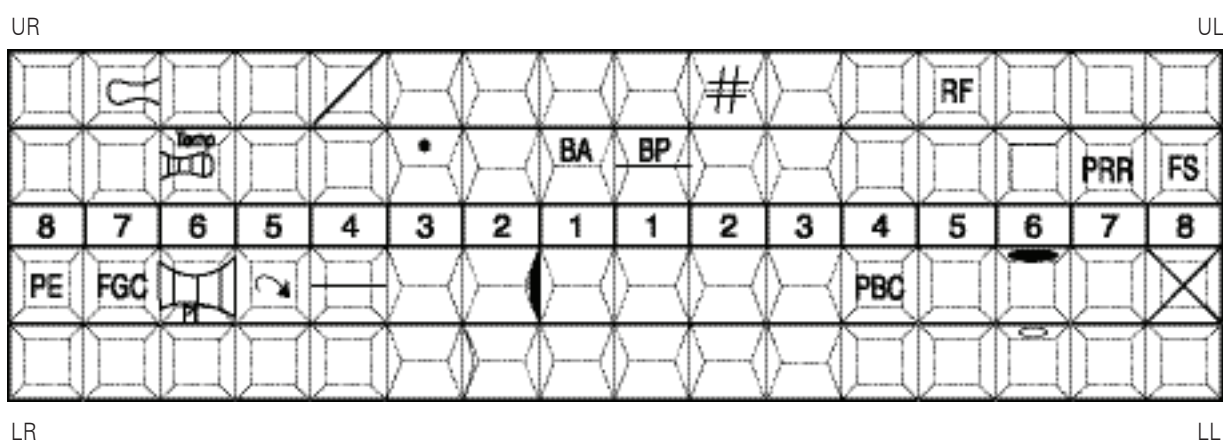
Upper Right	Mesial-Occlusal-Distal Cavity	Midline	Buccal Cavity	Upper Left
Work to be carried out:				
Present status and work completed	Mesial Occlusal Distal Restoration with a Buccal Extension 	Palatal Restoration 	Fissure Sealant FS 	Tooth Missing Space Closed
Present status and work completed			Implant IMP 	
Occlusal Restoration 	Distal-Occlusal Restoration 	Lingual Restoration 	Mesial-Occlusal Porcelain Inlay PI 	Tooth Outstanding
Work to be carried out:		Tooth Fractured 		Roots Retained
Lower Right	Distal-Occlusal Restoration to be replaced	Midline		Lower Left

**ACCEPTED NOTATIONS
Premolar and Molar Teeth**

Upper Right	Midline	Tooth to be extracted	Upper Left
Work to be carried out			
Present status and work completed	Preventive Resin Restoration 	Tooth Drifting Distally 	Bridge Abutment
Present status and work completed		Bridge Pontic 	Tooth Drifting Mesially
Distal-Occlusal Temporary Dressing			Full Gold Crown Present
Work to be carried out	Distal-Occlusal Gold Inlay 	Tooth Partially erupted 	
Occlusal Buccal Cavity		Mesial Cavity 	
Lower Right	Midline	Lower Left	

Example of Zsigmondy-Palmer Notation

- a. Upper right second molar has a mesio-occlusal cavity
- b. Upper right first molar has a disto-occlusal temporary dressing
- c. Upper right first premolar is for extraction
- d. Upper right canine has a buccal restoration
- e. Upper right central incisor is an abutment for a cantilever resin retained (Maryland) bridge
- f. Upper left central incisor is a resin retained (Maryland) bridge pontic
- g. Upper left lateral incisor has a fracture on the incisal edge which requires treatment
- h. Upper left second premolar needs a root filling
- i. Upper left second molar has preventive resin restoration (PRR) occlusally
- j. Upper left third molar has a fissure sealant restoration
- k. Lower left third molar has been recently extracted
- l. Lower left first molar has a lingual restoration to be replaced
- m. Lower left first premolar has a bonded porcelain crown
- n. Lower right lateral incisor has a mesial restoration and a separate distal cavity
- o. Lower right first premolar is missing
- p. Lower right second premolar has rotated mesially
- q. Lower right first molar has an MOD porcelain inlay
- r. Lower right second molar has a full restoration gold crown
- s. Lower right third molar is partially erupted



FEDERATION DENTAIRE INTERNATIONALE NOTATION (FDI)
TWO DIGIT CHARTING SYSTEM

In this system the quadrant symbol is replaced by a number. The quadrant number is the first digit while the second number identifies the individual tooth.

Permanent dentition

1 for upper right

2 for upper left

3 for lower left

4 for lower right

18 17 16 15 14 13 12 11	21 22 23 24 25 26 27 28
48 47 46 45 44 43 42 41	31 32 33 34 35 36 37 38

Deciduous dentition

5 for upper right

6 for upper left

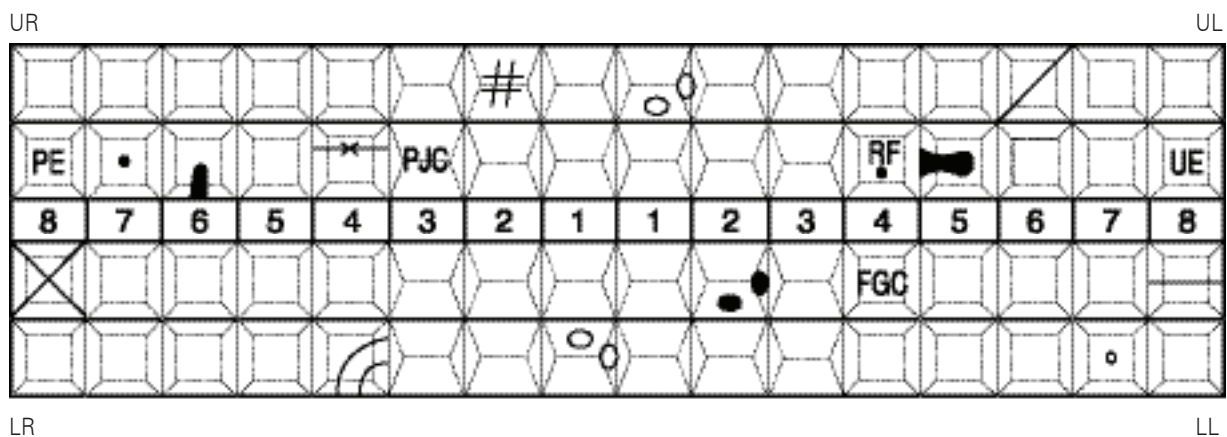
7 for lower left

8 for lower right

55 54 53 52 51	61 62 63 64 65
85 84 83 82 81	71 72 73 74 75

Example of FDI Notation

- a. 18 is partially erupted
- b. 17 has an occlusal restoration
- c. 16 has an occluso-palatal filling
- d. 14 is missing and the gap has closed
- e. 13 has a porcelain jacket crown in place
- f. 12 has a fracture of the incisal edge which requires treatment
- g. 21 needs distal and palatal restorations
- h. 24 is root filled with an occlusal restoration
- i. 25 has a mesial-occlusal restoration present
- j. 26 to be extracted
- k. 28 is unerupted
- l. 38 is missing
- m. 37 has an occlusal cavity
- n. 34 has a full gold crown
- o. 32 has a distal and labial restorations
- p. 41 has mesial and lingual cavities
- q. 44 has a mesial-occulsal-buccal cavity
- r. 48 has been recently extracted



Basic Periodontal Examination (BPE)

This index (formerly known as the CPITN) is measured using the WHO (BPE) probe. The probe is introduced into the gingival sulcus and a light probing pressure is used around the buccal and then lingual/palatal surfaces.

The mouth is divided into sextant (no 8's) represented by a single box chart for each sextant.

17 - 14	13 - 23	24 - 27
47 - 44	43 - 33	34 - 37

For each sextant only the highest score is recorded eg: 0<1<2<3<4

BPE Code	Criteria
0	Healthy periodontal tissues No bleeding after gentle probing
1	Bleeding after gentle probing Black band remains completely visible (probing depth up to 3.5mm) No calculus or defective margins detected
2	Black band remains completely visible (probing depth up to 3.5mm) Calculus or other plaque retention factor detected
3	Black band partially visible in deepest pocket (shallow pocket up to 5mm)
4	Black band not visible in pocket (deep pocket of more than 5.5mm)
*	Furcation involvement


Example:

3	1	2
3	1	4 *

www.bsperio.org.uk


PERIODONTAL DIAGNOSIS AND TREATMENT PLAN

BUCCAL



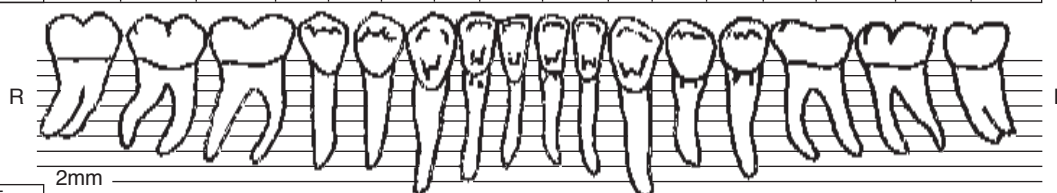
	DATE																		
RECESSION																			
POCKET DEPTH																			
MOBILITY																			

PALATAL



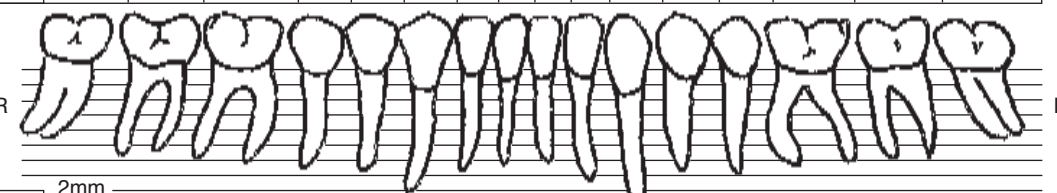
	DATE																		
RECESSION																			
POCKET DEPTH																			

LINGUAL



	DATE																		
RECESSION																			
POCKET DEPTH																			

BUCCAL



	DATE																		
RECESSION																			
POCKET DEPTH																			
MOBILITY																			

ERUPTION DATES

Deciduous Dentition

Tooth	Letter	Upper eruption date - months	Lower eruption date - months
Central incisor	A	10	8
Lateral incisor	B	11	13
Canine	C	19	20
First molar	D	16	16
Second molar	E	29	27

Permanent Dentition

Tooth	Letter	Upper eruption date - years	Lower eruption date - years
Central incisor	1	7 to 8	6 to 7
Lateral incisor	2	8 to 9	7 to 8
Canine	3	10 to 12	9 to 10
First premolar	4	9 to 11	9 to 11
Second premolar	5	10 to 11	9 to 11
First molar	6	6 to 7	6 to 7
Second molar	7	12 to 13	11 to 12
Third molar	8	18 to 25	18 to 25