

## Lesson 2: Directional Terms, Planes, Regions, Positions, and Quadrants

### LaFleur: Basic Medical Language, 5th Edition

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1. The combining form that means **back, behind** is:

- A. anter/o
- B. infer/o
- C. poster/o
- D. super/o

ANS: C                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

2. The combining form that means **front** is:

- A. anter/o
- B. infer/o
- C. poster/o
- D. super/o

ANS: A                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

3. The combining form that means **above** is:

- A. anter/o
- B. infer/o
- C. poster/o
- D. super/o

ANS: D                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

4. The combining form that means **below** is:

- A. anter/o
- B. infer/o
- C. poster/o
- D. super/o

ANS: B                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

5. The combining form that means **head (upward)** is:

- A. caud/o
- B. cephal/o
- C. dist/o
- D. dors/o

ANS: B                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

6. The combining form that means **tail (downward)** is:

- A. caud/o
- B. cephal/o
- C. dist/o

D. dors/o

ANS: A                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

7. The combining form that means **back** is:

- A. caud/o
- B. cephal/o
- C. dist/o
- D. dors/o

ANS: D                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

8. The combining form that means **away (from the point of attachment)** is:

- A. caud/o
- B. cephal/o
- C. dist/o
- D. dors/o

ANS: C                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

9. The combining form that means **near (the point of attachment)** is:

- A. later/o
- B. medi/o
- C. proxim/o
- D. ventr/o

ANS: C                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

10. The combining form meaning **belly (front)** is:

- A. later/o
- B. medi/o
- C. proxim/o
- D. ventr/o

ANS: D                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

11. The combining form meaning **side** is:

- A. later/o
- B. medi/o
- C. proxim/o
- D. ventr/o

ANS: A                    PTS: 1                    REF: 28                    OBJ: 1  
TOP: Word Parts

12. The combining form that means **middle** is:

- A. later/o
- B. medi/o

C. proxim/o

D. ventr/o

ANS: B                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

13. The word part meaning **pertaining to** is:

A. caud/o

B. -ad

C. dist/o

D. -ior

ANS: D                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

14. The word part meaning **toward** is:

A. caud/o

B. -ad

C. dist/o

D. -ior

ANS: B                      PTS: 1                      REF: 28                      OBJ: 1  
TOP: Word Parts

15. The directional term meaning **pertaining to the front** is:

A. lateral

B. anterior

C. anterolateral

D. anteromedial

ANS: B                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

16. The directional term meaning **pertaining to the front and to the middle** is:

A. posterosuperior

B. superolateral

C. anterolateral

D. anteromedial

ANS: D                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

17. The word part \_\_\_\_\_/o/**super/ior** that completes the medical term meaning **pertaining to the front and above** is:

A. poster

B. ventr

C. infer

D. anter

ANS: D                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

18. The word part **anter/o/\_\_\_\_\_**/**al** that completes the medical term meaning **pertaining to the front and (one) side** is:
- A. super
  - B. post
  - C. later
  - D. medi

ANS: C                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

19. The directional term meaning **toward the head** is:
- A. caudad
  - B. caudal
  - C. cephalad
  - D. cephalic

ANS: C                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

20. The directional term meaning **toward the tail** is:
- A. caudad
  - B. caudal
  - C. cephalad
  - D. cephalic

ANS: A                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

21. The directional term meaning **pertaining to the tail** is:
- A. caudad
  - B. caudal
  - C. cephalad
  - D. cephalic

ANS: B                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

22. The directional term meaning **pertaining to the head** is:
- A. caudad
  - B. caudal
  - C. cephalad
  - D. cephalic

ANS: D                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

23. The directional term meaning **pertaining to away (from the point of attachment)** is:
- A. distal
  - B. dorsal
  - C. lateral
  - D. medial

ANS: A                      PTS: 1                      REF: 35                      OBJ: 1

TOP: Directional Terms

24. The directional term meaning **pertaining to the middle** is:

- A. distal
- B. dorsal
- C. lateral
- D. medial

ANS: D                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

25. The directional term meaning **pertaining to the side** is:

- A. distal
- B. dorsal
- C. lateral
- D. medial

ANS: C                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

26. The directional term meaning **pertaining to the back** is:

- A. distal
- B. dorsal
- C. lateral
- D. medial

ANS: B                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

27. The directional term meaning **pertaining to the back and to the front** is:

- A. superolateral
- B. posterolateral
- C. posteroanterior
- D. anteroposterior

ANS: C                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

28. The directional term meaning **pertaining to above and to (one) side** is:

- A. superolateral
- B. posterolateral
- C. posteroanterior
- D. anteroposterior

ANS: A                      PTS: 1                      REF: 35                      OBJ: 1  
TOP: Directional Terms

29. The directional term meaning **pertaining to the front and to the back** is:

- A. superolateral
- B. posterolateral
- C. posteroanterior
- D. anteroposterior

ANS: D                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

30. The directional term meaning **pertaining to the back and to (one) side** is:
- A. superolateral
  - B. posterolateral
  - C. posteroanterior
  - D. anteroposterior

ANS: B                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

31. The directional term meaning **pertaining to the belly** is:
- A. proximal
  - B. ventral
  - C. mediad
  - D. ventrad

ANS: B                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

32. The directional term meaning **pertaining to near (the point of attachment)** is:
- A. proximal
  - B. distal
  - C. mediad
  - D. ventrad

ANS: A                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

33. The directional term meaning **pertaining to the front and above** is:
- A. anterosuperior
  - B. cephalocaudal
  - C. anteroposterior
  - D. superolateral

ANS: A                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

34. The directional term meaning **pertaining to the front and to (one) side** is:
- A. anterosuperior
  - B. anterolateral
  - C. anteroposterior
  - D. anteromedial

ANS: B                   PTS: 1                   REF: 35                   OBJ: 1  
TOP: Directional Terms

35. The directional term meaning **pertaining to the middle and to (one) side** is:
- A. anteroposterior
  - B. inferior
  - C. inferolateral
  - D. mediolateral

ANS: D                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

36. The directional term meaning **pertaining to below and to (one) side** is:
- A. anteroposterior
  - B. inferior
  - C. inferolateral
  - D. mediolateral

ANS: C                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

37. The directional term meaning **toward the head** is:
- A. cephalad
  - B. inferior
  - C. inferolateral
  - D. mediolateral

ANS: A                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

38. The directional term meaning **pertaining to below** is:
- A. caudal
  - B. inferior
  - C. inferolateral
  - D. mediolateral

ANS: B                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

39. The directional term meaning **pertaining to the back, behind** is:
- A. superior
  - B. distal
  - C. posterior
  - D. inferior

ANS: C                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

40. The directional term meaning **pertaining to above** is:
- A. superior
  - B. distal
  - C. posterior
  - D. inferior

ANS: A                    PTS: 1                    REF: 35                    OBJ: 1  
TOP: Directional Terms

41. The anatomical plane denoting the **vertical field running through the body from front to back, dividing the body into right and left sides** is the:
- A. coronal plane or frontal plane
  - B. sagittal plane

- C. transverse plane
- D. midsagittal plane

ANS: B                    PTS: 1                    REF: 36                    OBJ: 2  
TOP: Medical Terms for Anatomical Planes

42. The anatomical plane denoting the **vertical field passing through the body from side to side, dividing the body into anterior and posterior portions** is the:
- A. coronal plane or frontal plane
  - B. sagittal plane
  - C. transverse plane
  - D. midsagittal plane

ANS: A                    PTS: 1                    REF: 36                    OBJ: 2  
TOP: Medical Terms for Anatomical Planes

43. The anatomical plane denoting the **horizontal field dividing the body into superior and inferior portions** is the:
- A. coronal plane or frontal plane
  - B. sagittal plane
  - C. transverse plane
  - D. midsagittal plane

ANS: C                    PTS: 1                    REF: 36                    OBJ: 2  
TOP: Medical Terms for Anatomical Planes

44. The abbreviation referring to **pertaining to the side** is:
- A. AP
  - B. PA
  - C. lat
  - D. FBS

ANS: C                    PTS: 1                    REF: 41                    OBJ: 3  
TOP: Abbreviations

45. The abbreviation referring to the **front and back** is:
- A. AP
  - B. PA
  - C. lat
  - D. FBS

ANS: A                    PTS: 1                    REF: 41                    OBJ: 3  
TOP: Abbreviations

46. The abbreviation referring to the **back and front** is:
- A. AP
  - B. PA
  - C. lat
  - D. FBS

ANS: B                    PTS: 1                    REF: 41                    OBJ: 3  
TOP: Abbreviations



47. A 40-year-old woman came to the emergency department with a 4-hour history of RUQ or \_\_\_\_\_ quadrant abdominal pain.
- A. right upper
  - B. left upper
  - C. right lower
  - D. left lower

ANS: A                      PTS: 1                      REF: 40                      OBJ: 4  
TOP: Practical Application

48. The drainage catheter is placed over the right \_\_\_\_\_ (**pertaining to the front**) pelvis.
- A. superior
  - B. posterior
  - C. anterior
  - D. inferior

ANS: C                      PTS: 1                      REF: 35                      OBJ: 4  
TOP: Practical Application

49. The incision was made at the \_\_\_\_\_ (**pertaining to above**) pole of the lesion.
- A. superior
  - B. posterior
  - C. anterior
  - D. inferior

ANS: A                      PTS: 1                      REF: 35                      OBJ: 4  
TOP: Practical Application

50. The patient complained of \_\_\_\_\_ (**superior to the umbilical region**) pain.
- A. hypogastric
  - B. lumbar
  - C. hypochondriac
  - D. epigastric

ANS: D                      PTS: 1                      REF: 37                      OBJ: 4  
TOP: Practical Application

51. A \_\_\_\_\_ (**pertaining to a side**) chest radiographic image displays the anatomy in the \_\_\_\_\_ plane (**divides the body into right and left sides**).
- A. medial; coronal
  - B. lateral; coronal
  - C. medial; sagittal
  - D. lateral; sagittal

ANS: D                      PTS: 1                      REF: 36                      OBJ: 4  
TOP: Practical Application

52. The scar extended \_\_\_\_\_ (**toward the head**) from the right shoulder.
- A. cephalad
  - B. proximal
  - C. cephalic
  - D. medial

ANS: A                    PTS: 1                    REF: 35                    OBJ: 4  
TOP: Practical Application

53. The abdominopelvic region(s) **around the navel** is (are) the \_\_\_\_\_ region(s).  
A. umbilical  
B. epigastric  
C. lumbar  
D. hypogastric

ANS: A                    PTS: 1                    REF: 37                    OBJ: 2  
TOP: Abdominopelvic Regions

54. The abdominopelvic region(s) **to the right and left of the epigastric region** is (are) the \_\_\_\_\_ region(s).  
A. umbilical  
B. hypochondriac  
C. lumbar  
D. iliac

ANS: B                    PTS: 1                    REF: 41                    OBJ: 2  
TOP: Abdominopelvic Regions

55. The abbreviation **med** represents the medical term meaning pertaining to:  
A. a side  
B. below  
C. above  
D. the middle

ANS: D                    PTS: 1                    REF: 41                    OBJ: 3  
TOP: Abbreviations

56. The abbreviation for the directional term meaning **pertaining to below** is:  
A. med  
B. lat  
C. ant  
D. inf

ANS: D                    PTS: 1                    REF: 37                    OBJ: 3  
TOP: Abbreviations

57. The definition of the Fowler position is:  
A. lying on one's back with head lower than the feet  
B. lying on one's left side with right knee drawn up and left arm drawn behind  
C. semi-sitting position with slight elevation of the knees  
D. lying on abdomen, facing downward

ANS: C                    PTS: 1                    REF: 37                    OBJ: 2  
TOP: Body Positions

58. A patient lying on their back facing upward would be in what position:  
A. prone  
B. Trendelenburg  
C. Sims

D. supine

ANS: D                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Body Positions

59. The patient was placed in the Trendelenburg position, meaning he was lying:
- A. on his abdomen, facing downward
  - B. sitting erect in a chair or sitting upright in bed supported by pillows
  - C. on his back with his head facing upward
  - D. on his back with his head lower than his feet

ANS: D                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Body Positions

60. A patient lying on his abdomen facing downward for a spinal procedure would be in what procedure?
- A. prone
  - B. supine
  - C. orthopnea
  - D. Trendelenburg

ANS: A                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Body Positions

### **MATCHING**

Match each item with the correct description below.

- |                             |                           |
|-----------------------------|---------------------------|
| A. sagittal plane           | G. Fowler position        |
| B. frontal or coronal plane | H. umbilical region       |
| C. lumbar region            | I. Sims position          |
| D. orthopnea position       | J. Trendelenburg position |
| E. transverse position      | K. hypogastric region     |
| F. supine position          | L. prone position         |

- 61. lying on left side with right knee drawn up with left arm drawn behind, parallel to the back
- 62. vertical field passing through the body from side to side, dividing the body into anterior and posterior portions
- 63. lying on abdomen, facing downward
- 64. inferior to the umbilical region
- 65. sitting upright in a chair or in bed supported by pillows behind the back
- 66. to the right and left of the umbilical region, near the waist
- 67. lying on back with head lower than the feet
- 68. horizontal plane dividing the body into superior and inferior portions
- 69. vertical field passing through the body from front to back, dividing the body into right and left sides
- 70. around the navel
- 71. lying on back, facing upward
- 72. semi-sitting position with slight elevation of the knees

61. ANS: I                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions

62. ANS: B                   PTS: 1                   REF: 36                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions

63. ANS: L                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
64. ANS: K                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
65. ANS: D                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
66. ANS: C                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
67. ANS: J                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
68. ANS: E                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
69. ANS: A                   PTS: 1                   REF: 36                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
70. ANS: H                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
71. ANS: F                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions
72. ANS: G                   PTS: 1                   REF: 37                   OBJ: 2  
TOP: Anatomic Planes | Abdominopelvic Regions and Quadrants and Body Positions