HANDOUT 5.1

Listing Basic to Complex

List the terms in order from most basic (1) to most complex (6): organs, organism, cells, chemicals, tissues, body systems.

1. ___________________________________________________________
2. ___________________________________________________________
3. ___________________________________________________________
4. ___________________________________________________________
5. ___________________________________________________________
6. ___________________________________________________________
# HANDOUT 5.2

## Matching Combining Forms for Directional Terms

Match combining forms for directional terms in the left column with their meanings in the right column. (Some meanings will be used more than once.)

| _______ | 1. anter/o       | A. distant from the origin |
| _______ | 2. caud/o        | B. lowermost or below      |
| _______ | 3. cephal/o      | C. middle                  |
| _______ | 4. dist/o        | D. nearest the origin      |
| _______ | 5. dors/o        | E. toward the back in human beings |
| _______ | 6. infer/o       | F. toward the front in human beings |
| _______ | 7. later/o       | G. toward the head         |
| _______ | 8. medi/o        | H. toward the side         |
| _______ | 9. poster/o      | I. toward the tail         |
| _______ | 10. proxim/o     | J. uppermost               |
| _______ | 11. super/o      |                             |
| _______ | 12. ventr/o      |                             |
HANDOUT 5.3

Matching Terms with Their Meanings

Match words in the left column with their meanings in the right column.

1. _____ transverse  A. A lower anatomical division of the abdomen
2. _____ sagittal  B. An upper anatomical division of the abdomen
3. _____ coronal  C. Body cavity containing the spinal and cranial cavities
4. _____ thoracic  D. Body cavity containing the thoracic and abdominopelvic cavities
5. _____ dorsal  E. Body cavity housing just the chest
6. _____ ventral  F. Plane that divides the body into front and back
7. _____ lateral  G. Plane that divides the body into right and left halves
8. _____ RUQ  H. Plane that divides the body into top and bottom portions
9. _____ LLQ  I. Toward the side

Writing the Meanings of Word Parts

Write the meanings of the following word parts.

1. dactyl/o ________________________________
2. omphal/o ________________________________
3. onych/o ________________________________
4. som/a ________________________________
5. somat/o ________________________________
6. thorac/o ________________________________

Writing Combining Forms

Write combining forms for the following terms.

1. abdomen ________________________________
2. abdominal wall ________________________________
3. cyst, bladder, or sac ________________________________
4. extremities ________________________________
5. pelvis ________________________________
6. peritoneum ________________________________
HANDOUT 5.4

Filling in the Blanks

Write a letter in each blank to complete the terms.

1. Abnormal enlargement of the extremities is __megaly.
2. Herniation of the umbilicus is __cele.
3. Inflammation of the bones of the fingers or toes is __itis.
4. Paralysis of the eyelid is __plegia.
5. A term that means a defect in the immune system is __deficiency.
**HANDOUT 5.5**

**Matching Word Parts Pertaining to Body Fluids**

*Match word parts in the left column with their meanings in the right column. (Not all selections will be used and some will be used more than once.)*

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>dacry/o</td>
<td>A. condition of the blood</td>
</tr>
<tr>
<td>2.</td>
<td>-emia</td>
<td>B. lymph</td>
</tr>
<tr>
<td>3.</td>
<td>hem/o</td>
<td>C. perspiration</td>
</tr>
<tr>
<td>4.</td>
<td>hidr/o</td>
<td>D. pus</td>
</tr>
<tr>
<td>5.</td>
<td>hydr/o</td>
<td>E. saliva</td>
</tr>
<tr>
<td>6.</td>
<td>lacrim/o</td>
<td>F. tears</td>
</tr>
<tr>
<td>7.</td>
<td>py/o</td>
<td>G. water</td>
</tr>
</tbody>
</table>

**Writing the Meanings of Word Parts**

*Write the meanings of the following word parts.*

1. lymph/o  
2. sial/o

**Writing Combining Forms**

*Write combining forms for the following terms.*

1. perspiration  
2. secrete
**HANDOUT 5.6**

**Quick Quest**

*Categorize the following terms as related to (a) anatomy, (b) diagnostic test or procedure, (c) disease or disorder, (d) nonsurgical treatment, or (e) surgery. The suffix often indicates its category.*

<table>
<thead>
<tr>
<th></th>
<th>Term</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>abdominal quadrant</td>
<td>A. anatomy (structure)</td>
</tr>
<tr>
<td>2</td>
<td>abscess</td>
<td>B. diagnostic test or procedure</td>
</tr>
<tr>
<td>3</td>
<td>acrocyanosis</td>
<td>C. disease or disorder</td>
</tr>
<tr>
<td>4</td>
<td>adrenals</td>
<td>D. nonsurgical treatment</td>
</tr>
<tr>
<td>5</td>
<td>anaphylaxis</td>
<td>E. surgery</td>
</tr>
<tr>
<td>6</td>
<td>anemia</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>ascites</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>blepharotomy</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>cephalometry</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>chiroplasty</td>
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</tr>
<tr>
<td>11</td>
<td>dacryocyst</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>dacryolithiasis</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>edema</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>hemodialysis</td>
<td></td>
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<td>15</td>
<td>hydrocephalus</td>
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</tr>
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<td>16</td>
<td>peritoneum</td>
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<tr>
<td>17</td>
<td>sialography</td>
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<td>18</td>
<td>telecardiogram</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>umbilical</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>viscera</td>
<td></td>
</tr>
</tbody>
</table>
HANDOUT 5.7
Crossword Puzzle

Write a term for each clue given.
### HANDOUT 5.7 CONT’D

#### Across
1. a foreign substance, usually protein
2. spiral form of bacteria
3. general type of bacteria
4. spreading of cancer from one part to another
5. hypersensitive reactions to allergens
6. important stringy protein in the blood clot
7. incision of the eyelid
8. swelling
9. pertaining to the chest
10. collection of extracellular blood in tissue
11. sweating
12. sticking together of two surfaces that are normally separate
13. inflammation of the umbilicus
14. decrease in the number of leukocytes
15. general type of bacteria
16. any disease of the nail
17. crying
18. produced in response to an antigen
19. plastic surgery of the hand

#### Down
1. formation of internal blood clots
2. prevents blood from clotting
3. abnormal intraperitoneal accumulation of fluid
4. serous membrane that lines the abdominal cavity
5. measurement of the head
6. decrease in erythrocytes, or hemoglobin, or both
7. inflammation of the tear sac
8. dome-shaped muscular partition that separates the thoracic and abdominal cavities
9. portion of the body between the thorax and the pelvis
10. increase in size due to increase in the number of cells
11. exerting a destructive effect on mucus
12. adult condition in which extremities are enlarged
13. relative constancy in the body’s internal environment
14. increase in size due to enlargement of existing cells
15. exaggerated, life-threatening hypersensitivity reaction
16. inflammation of a finger or toe
17. large internal organs