

**P.A.T.C.H. Assessment Scale**  
**Pretest for Attitudes Toward Computers in Healthcare**  
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**Directions:**

Each indicator is to be rated using a five point Likart scale.  
 Choose the response that reflects your attitude for each statement.

**SCALE:**

1. Agree Strongly	2. Agree	3. Not certain	4. Disagree	5. Disagree Strongly
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1. The computer is a powerful enabling tool.
2. In healthcare, computers could save a lot of paperwork.
3. Machines and I don't mix.
4. I feel I am a skilled typist.
5. I feel alarmed when I think of using a computer.
6. I have excellent finger dexterity.
7. I regularly use a computer at home.
8. I would love to be a proficient user of computers.
9. Bedside computers will irritate clients.
10. I will never feel relaxed about using a computer.
11. Computers can help me to be creative.
12. I would enjoy learning course work using a computer program.
13. Computers are frustrating to use.
14. Listening to people using computer jargon intimidates me.
15. Computers will someday put health professionals out of a job.
16. I am in control when I use a computer.
17. I relate well to technology and machines.
18. I feel confident that I can master using a computer.
19. I can let my creativity flow when writing using a computer.
20. Computers in healthcare will create more work for nurses.
21. Computers can be great problem-solving tools.
22. Computers are too complicated for me to learn well.
23. Computers are impersonal and dehumanizing.
24. The future promise of computers in healthcare excites me.
25. I feel restless and confused when I think of using a computer.
26. I don't intend to own a home computer.
27. I feel a computer course in nursing is totally unnecessary.
28. People who like computers are introverted and antisocial.
29. I know more about computers than most faculty do.
30. Working with computers is boring and tedious.
31. I can easily master the content of a computer lessons.
32. I feel ambivalent about computers and technology.

P.A.T.C.H. Assessment Scale Scoring

A. For the following Statements, use the scoring scheme in the first table box to find your score for each.

Rating Chosen	Give Yourself these many points
1	2
2	1
3	0
4	-1
5	-2

Use the above scoring scheme to assess your score for each of these statements:

1 \_\_\_\_\_ 2 \_\_\_\_\_ 4 \_\_\_\_\_ 6 \_\_\_\_\_ 7 \_\_\_\_\_ 8 \_\_\_\_\_ 11 \_\_\_\_\_ 12 \_\_\_\_\_  
 16 \_\_\_\_\_ 17 \_\_\_\_\_ 18 \_\_\_\_\_ 19 \_\_\_\_\_ 21 \_\_\_\_\_ 24 \_\_\_\_\_ 29 \_\_\_\_\_ 31 \_\_\_\_\_

Now add these up to find Subtotal A: = \_\_\_\_\_

B. For the remainder of the statements, use the following rating scheme.

Rating Chosen	Give Yourself these many points
5	2
4	1
3	0
2	-1
1	-2

Use the second scoring scheme (above) to assess your score for each of these statements:

3 \_\_\_\_\_ 5 \_\_\_\_\_ 9 \_\_\_\_\_ 10 \_\_\_\_\_ 13 \_\_\_\_\_ 14 \_\_\_\_\_ 15 \_\_\_\_\_ 20 \_\_\_\_\_  
 22 \_\_\_\_\_ 23 \_\_\_\_\_ 25 \_\_\_\_\_ 26 \_\_\_\_\_ 27 \_\_\_\_\_ 28 \_\_\_\_\_ 30 \_\_\_\_\_ 32 \_\_\_\_\_

Now add these up to find Subtotal B: = \_\_\_\_\_

Grand Total: Add Subtotals A and B: = \_\_\_\_\_

Now turn to next page for an interpretation of your score.

**P.A.T.C.H. Quiz Score Interpretations**

Below 0 points	Positive indication of Cyberphobia. Beginner stage in experience with computer basics or applications. Ambivalence or anxiety may occur, related to the use of computers in healthcare. May appreciate help learning basic computer skills.
0 to 12 points	Indicates some uneasiness about using computers. Very basic knowledge of computer basics and applications. Unsure of usefulness of computers in healthcare.
13 to 25 points	Moderate comfort in using computers. Has basic knowledge of computers and applications. Limited awareness of applications of computer technology in healthcare.
26 to 38 points	Feels comfortable using user-friendly computer applications. Aware of the usefulness of computers in a variety of settings. Has a realistic view of current computer capabilities in healthcare.
39 to 50 points	Confident of ability to use a variety of computer programs. Sees computers as beneficial in the development of society. Enthusiastic view of the potential of computer use in healthcare.
51 to 64 points	Very confident that they can learn to use a computer to boost creativity, and perform routine functions. Recognizes the unique value of using information technology in society. Idealistic, positive view related to computer applications in healthcare.

### Personal Plans: Individualized Plan

Write out a plan of action for yourself to help you to develop at least an informed user level of computer literacy in the following applications.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

A. Availability of computer for personal use (describe): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

B. Applications:

1. WordProcessing \_\_\_\_\_

2. Graphics Programs \_\_\_\_\_

3. Databases \_\_\_\_\_

4. Spreadsheets \_\_\_\_\_

5. Educational Software \_\_\_\_\_

6. World Wide Web searches \_\_\_\_\_

7. Online Library catalogue \_\_\_\_\_

8. E-mail \_\_\_\_\_

9. Discussion Lists \_\_\_\_\_

10. Group Chatrooms \_\_\_\_\_

11. Web Site design \_\_\_\_\_

**Personal Plans: Individualized Plan (continued)**

12. Use of NIS \_\_\_\_\_

13. Multimedia design \_\_\_\_\_

14. Use of Research computer programs: \_\_\_\_\_

15. Virtual Reality: \_\_\_\_\_

16. Internet Radio/Video/TV: \_\_\_\_\_

17. Keeping current with Nursing Informatics Trends: \_\_\_\_\_

\_\_\_\_\_

In the space below, write out five goals for yourself, related to learning Nursing Informatics theory and application. Try to make these fairly short-term, i.e. within the next five years.

