

**Fig. 6.1** The LINC (Laboratory Instrument Computer) in use in a medical interview in 1968. (Reproduced from Slack WV, Van Cura LJ. Patient reaction to computer-based medical interviewing. *Computers in Biomedical Research* 1968; 1:527-531 with permission.)

# Comparison Between Physicians and Computer when Interviewing Patients About Problems with Allergies

<b>Problems</b>	<b>Problems Detected by Both Physician &amp; Computer</b>	<b>Problems Detected by Physician Only</b>	<b>Problems Detected by Computer Only</b>
<b>Urticaria</b>	<b>0</b>	<b>0</b>	<b>12</b>
<b>Allergic rhinitis</b>	<b>2</b>	<b>0</b>	<b>7</b>
<b>Asthma</b>	<b>4</b>	<b>0</b>	<b>2</b>
<b>Drug allergy</b>	<b>7</b>	<b>0</b>	<b>1</b>

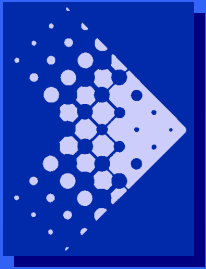
Slack, W.V. et al, New England Journal of Medicine, 1966



# The Seven Health-Related Sections of the Interview

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- General medical history
- Nutrition history
- Exercise patterns
- Habits
- Safety
- Environment
- Stress



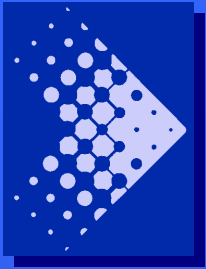
# Stress

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**In the PAST MONTH have you felt sad, discouraged or hopeless?**

1. Yes
2. No
3. Maybe
4. Don't understand
5. Skip it

**Answer: 1**



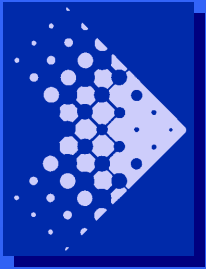
# Stress

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**In the PAST MONTH has life sometimes seemed as if it's not worth living?**

1. Yes
2. No
3. Maybe
4. Don't understand
5. Skip it

**Answer: 1**

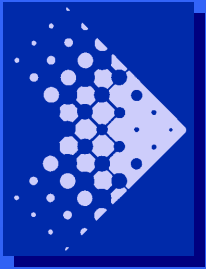


# Stress

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When life seems like it's not worth living, it's often helpful to speak to someone about these feelings.

<ENTER>

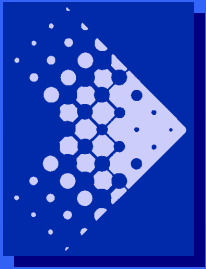


# Stress

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There are several places where you could call at any time to speak in confidence about these feelings.

<ENTER>



# Stress

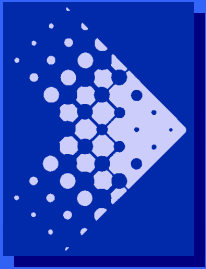
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**Help is available any time day or night through the:  
Employee Assistance Program - (617) 123-1234**

**Samaritans - (617) 222-3131**

**Or you can always contact the Emergency  
Room (Ext. 3337)**

**Please be assured that whatever you say will be  
kept confidential**



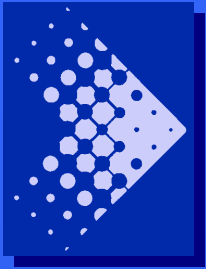
# Stress

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**Would you like to discuss this when you visit with your employee nurse?**

1. Yes
2. No
3. Maybe
4. Don't understand
5. Skip it

**Answer: 1**



## Stress

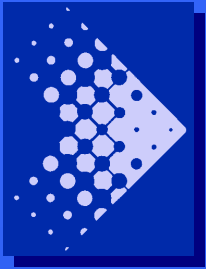
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**You will be receiving a printed summary of this interview at that visit.**

**Would it be ok to indicate on your summary that you would like to discuss this issue?**

1. Yes
2. No

**Answer: 2**

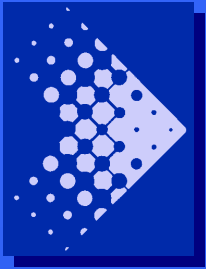


# Stress

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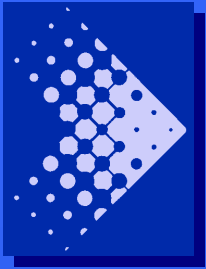
That's fine, but please feel free to talk about it at your visit.

<ENTER>



# Age Distribution

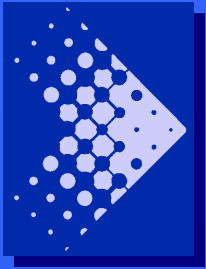
<20	98
20-29	1006
30-39	626
40-49	192
50-59	52
60-69	17
70+	1
Total	1992



# Age and Gender

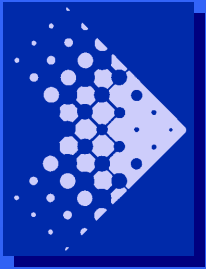
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5		3
16		6
17		8
18		20
19		61
Total	(79 girls 19 boys)	98



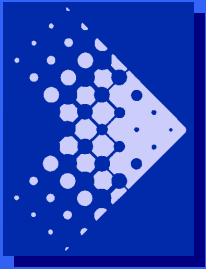
In the past month have you felt sad,  
discouraged, or hopeless?

Yes	58	(59%)
No	25	(25%)
Maybe	14	(14%)
Don't understand	12	(01%)
Skip it	0	



In the past month has life sometimes seemed like it's not worth living?

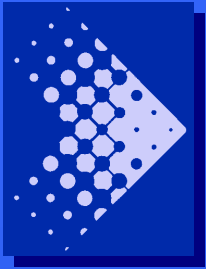
Yes	20	(20%)
No	48 (+25)	(75%)
Maybe	5	(05%)
Don't understand	0	
Skip it	0	



# Assessment of the Interview

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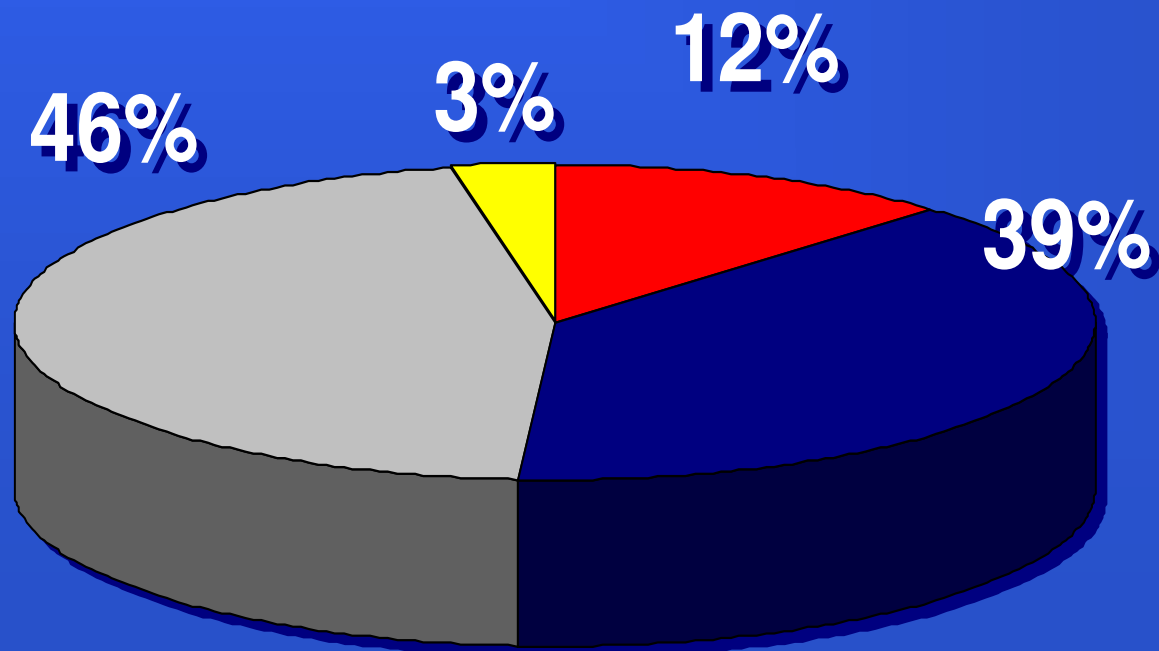
Interview Worthwhile	90%
Easy to understand	93%
Informative about health	37%
Length about right	68%



# Preference

## Computer vs. Doctor or Nurse

- Doctor or nurse
- Computer
- No preference
- Skip it



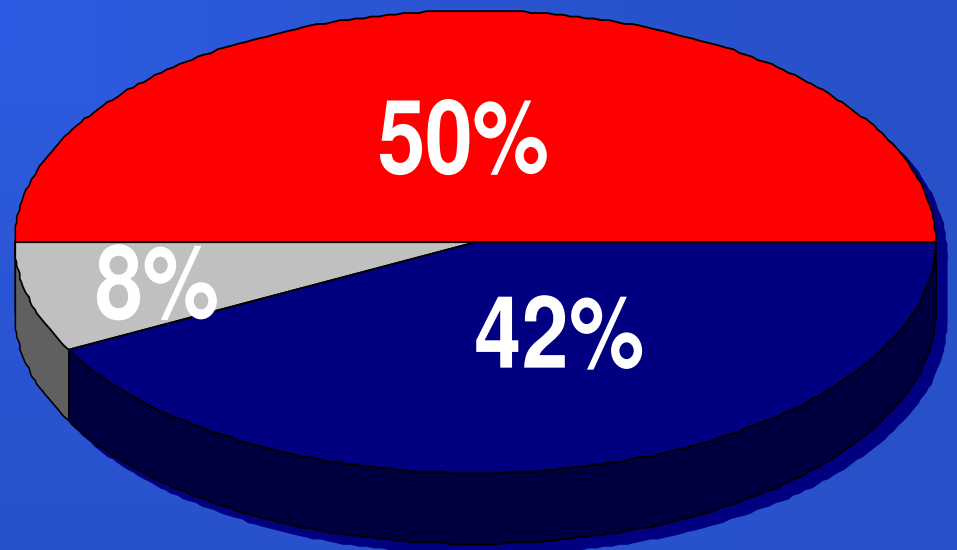
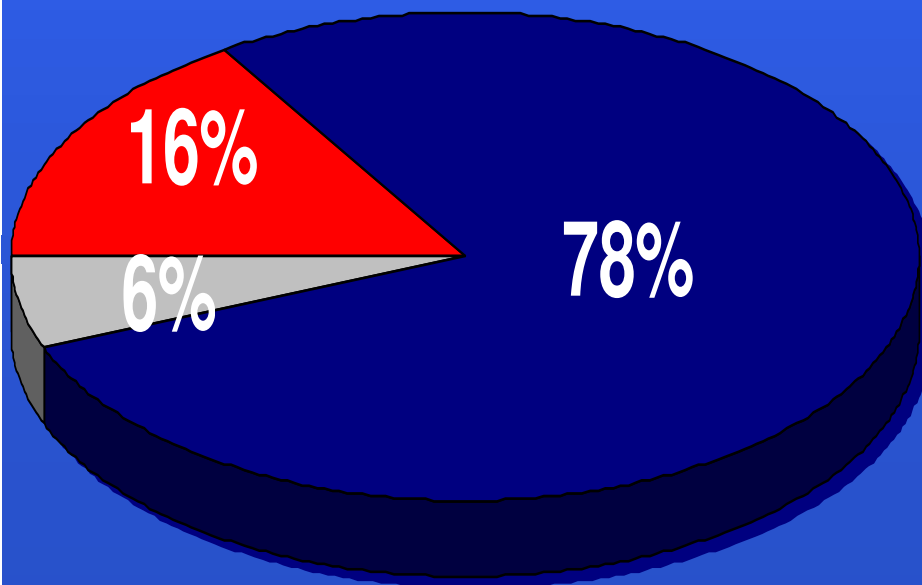
**Did the computer sometimes ask more than you wanted to tell?**

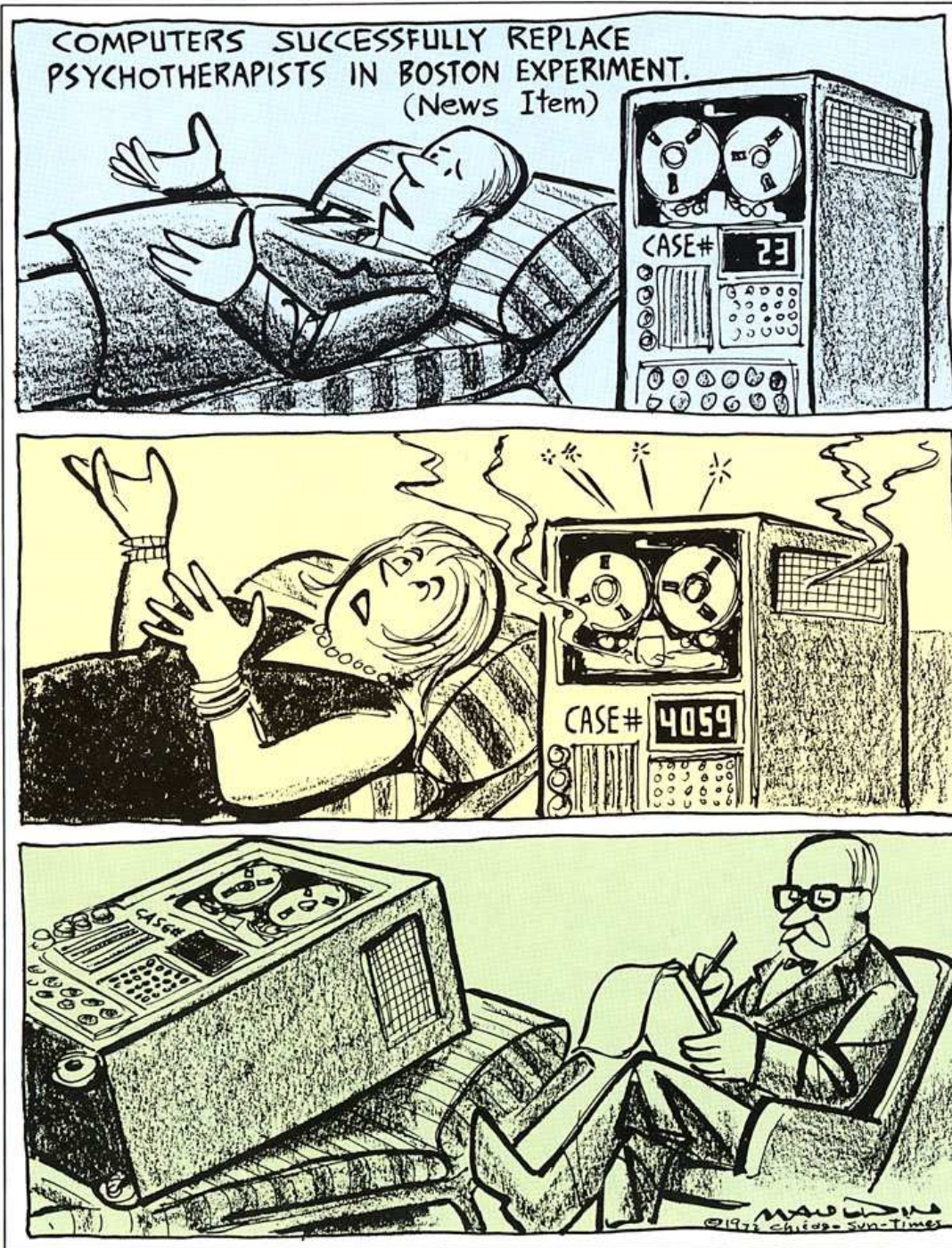
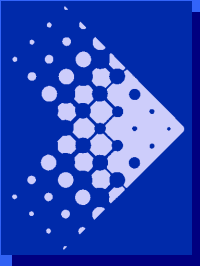
**Did you sometimes want to tell the computer more than it asked?**

**Yes**

**No**

**Uncertain**





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