Research Paper Medical Science

Study As Regards Use of Mobile Phone in the Students of a Tertiary Care Medical College.

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ABSTRACT

Analysis of use of cell / mobile phone was done in 100 cases. 85 Students of medical college responded to the questionnaire provided. 57.64% were of I MBBS & 42.35% of II MBBS class. 56.47% were males (boys) & 41.17% were females (girls). 72.94% students preferred to have Icons over List pattern of Main menu. 60% had 2nd mobile phone. 44.70% were inclined to use Samsung brand, 43.50% preferred Black colour & 36.47% used Vodafone service provider.

KEYWORDS

Introduction:
Use of cell/ mobile phone has become almost inevitable in today's era. Every individual now is dependent on mobile phone even for routine purpose. Our study is aimed at the use of cell phone in students of a tertiary care medical institution. This is to determine their inclination pertaining to selecting & using the mobile phone based on various parameters. It would be also helpful in providing us the tendency & current trend of medical students as regards mobile usage.

Following 16 Parameters were considered for this study to get the students approach of selecting & using the cell phone.

1. MBBS class, 2. Gender, 3. Design/ Style, 4. Look & Feel aspect, 5. Main menu pattern,

6. Use of 2nd cell / 2nd SIM, 7. Reason for the use of 2nd cell / 2nd SIM, 8. Method of interaction, 9. Use for calling purpose, 10. SMS use, 11. Use for Social networking,

12. E-mailing frequency, 13. Use for Pictures/photos & Sharing, 14. Colour of preference, 15. Brand selection and 16. Choice of Service provider.

Material & methods:
100 Students of a Tertiary care Medical college were thereby assessed based on the above 16 parameters to study the mobile phone use. These students were asked to fill up a questionnaire pertaining to the parameters. 85 students out of 100 did fill up the questionnaire & submitted to us. The results so obtained were mentioned in tabulated form along with the support of pie / bar diagrams.

Results:
1. **Class:**
Out of 85 students participated in the study, 49 (57.64%) were from I MBBS & 36 (42.35%) were from II MBBS class / batch.

2. **Gender:**
48 out of 85 students i.e (56.47%) were boys & 35 out of 85 i.e (41.17%) were girls.

3. **Design / Style:** was assessed over the functionality of the cell phone in 85 students:

Fairly Imp.	Very Imp.	Extremely Imp.	Not Imp.	NOT Provided (np)
31	36	07	08	03
36.45%	42.35%	8.25%	9.4%	3.52%

4. **Look & Feel aspect of the cell phone:**

	Number of students	% of students	grade	Number of students	% of Students	grade
Colour	24	28.25%	5	08	9.4%	1 & 2
Size	27	31.76%	4	5	5.88%	1
Shape	21	24.70%	3	2	2.35%	5
Weight	20	23.52%	1	4	4.70%	3
Buttons	30	35.29%	1	8	9.40%	5
Touch screen	49	57.64%	5	3	3.50%	2 & 3

5. **Main menu pattern presentation: Icons v/s List**

	Icons	List	NOT provided
Students	62	18	05
%	72.94%	21.17%	5.88%

6. **Use of 2nd mobile / 2nd SIM**

	Yes (Y)	No (N)	NOT Provided
Students	51	26	08
%	60%	30.58%	9.4%

7. **Reason for using 2nd cell / 2nd SIM: for those 51 Students who said yes (Y) for it:**

	bussiness purpose	Same purpose	Other reason
Students	08 / 51	38 out of 51	05
%	15.68%	74.50%	9.8%

8. **Method of Interaction:**

	Touch screen	grade	Physical button	grade	NOT provided
Students	50	5	25	1	15
Percentage (%)	58.82%		29.4%		
Students	01	1	03	5	
%	1.17%		3.52%		

9. **Use of Mobile Phone for Calling purpose:**

	High use / frequency (2 – 4 / day)	Low use / frequency (< week)
Students	30 /85	05 /85
%	35.29%	5.88%

10. **SMS use of Mobile:**

	High use (3 -4 / week)	Low use / frequency (Daily)
Students	23	10
Percentage (%)	27.05%	11.75%

11. **Use for Social networking**

	High use (2 – 4/ day)	Low use / frequency (< 1 /week)
Students	22	08
Percentage (%)	25.88%	9.4%

12. **Use for E- mailing purpose:**

	High use (3 – 4 / week)	Low use / frequency (Daily)
Students	25	03
Percentage (%)	29.4%	3.52%

13. **Use for Photos / Pictures & Sharing those:**

	High use (> 05/ day)	Low use / frequency (1 /week)
Students	20	11
Percentage (%)	23.52%	12.94%

14. **Color of choice:**

	Black	White	Red	Blue	Green	NOT given
Students	37	28	7	7	1	5
%	43.5%	32.9%	8.23%	8.23%	1.17%	5.88%

15. **Brand of mobile phone preferred:**

	Samsung	HTC	micro-max	carbon	lenovo	LG	Nokia	apple	sony
Students	38	15	03	02	02	02	04	02	15
%	44.70%	17.60%	3.52%	2.35%	2.35%	2.35%	4.72%	2.35%	17.60%

16. **Choice of the service provider by the students:**

	Voda-fone	Tata Docomo	Idea	Airtel	Reli-ance	MTNL	NOT provid-ed
Students	31	9	13	11	10	08	03/06*
%	36.47%	10.58%	15.29%	12.9%	11.7%	9.5%	3.5 % /7.0%

Discussion:

The study gave us lot of information regards use of cell / mobile phone in MBBS students of the tertiary care medical college on the 16 parameters included.

Thus it is evident from the study that out of 85 students who participated 49 (57.64%) were from I MBBS & 36 (42.35%) were from II MBBS class.

Regards the gender distribution, 56.47% were boys & 41.17% were girls.

Pertaining to the design of the cell phone it was very important for 42.35% students & Unimportant for 9.4%. 57.64% candidates preferred touch screen, 28.25% students were inclined for colour, 24% preferred shape & 31.76% liked size. Weight & buttons of the cell were least preferred.

Consideration for Icons was seen in 72.94% v/s 21.17% for List pattern of the Menu.

Use of Second cell or / & 2nd SIM was observed in 60% of participants with the reason stated as for same purpose or routine was seen in 74.50% students while 15. 68% used it for business purpose.

Regarding the use of mobile for different purpose, following observations were made:

35.30% used it with high frequency (2 – 4 / day) for Calling purpose, 27.05% used it very frequently (3 -4 / week) for SMS purpose, 25.88% used it as high frequency for (2 -4 / day) for Social networking, 29.40% used it highly (3 -4 / week) and for taking pictures & sharing those was noted in 23.53% students with high frequency (> 5 /day).

Coming on to the colour aspect, 43.50% preferred Black colour, 33% liked White colour, 8.23% went for Red & blue colour and only 1.17% chose Green colour.

Samsung was the most preferred brand as seen in 44.70% students followed by TC & Sony as seen in 17. 60% while only 2.35% students selected Carbon , Lenovo, LG & Apple brands.

Vodafone was the highly preferred Service provider by 36.47% & MTNL was the lowest choice by 9.5% students. Idea, Airtel & Reliance were ranked at 2nd, 3rd & 4th places respectively.

The study still has some space in the future to get it done on higher population of medical students as well as also to include students from various other faculties. Study can also consider adverse outcome as another parameter.

I acknowledge all the students who participated in the study and spared their valuable time in solving the questionnaire.

REFERENCES

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