

**The Impact of Marketing Mix Elements
of Optical Medical Products
on Its Marketing Performance in Jordan**

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Abstract

The Impact of Marketing Mix Elements of Optical Medical Products on Its Marketing Performance in Jordan

**Prepared by
Nezar Rafiq Hasan Damati**

**Supervised by
Prof. Abdel Bari Ibrahim Durra**

The purpose of this thesis is to reveal the impact of marketing mix elements through showing the impact of (Optical Medical Product, Pricing, Promotion, and Distribution) on its marketing performance in Jordan.

The researcher applies the quantitative research approach through conducting the descriptive analytical approach to describe the study variables and test hypothesis.

In order to achieve the study objectives, the researcher designs a questionnaire to gather primary information from the study sample which consists of (108) optical company and center in Jordan. The study concludes the followings:

- There is no significant statistical impact of optical medical product characteristics on its marketing performance in Jordan market.
- There is significant statistical impact of pricing decisions of optical medical products on its marketing performance in Jordan market.
- There is no significant statistical impact of optical medical products' promotion on its marketing performance in Jordan market.
- There is significant statistical impact of optical medical products' distribution on its marketing performance in Jordan market.

- There is significant statistical impact of marketing mix elements of optical medical products on its marketing performance in Jordan market through only two elements: the pricing and distribution.

The study offers some recommendations, mainly, it recommends that optical manufacturing and trade companies should focus on the characteristics of optical medical products, and should follow effective promotional activities. Also the study recommends to educate marketing principles subject for optometry course students.

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(2008) .

(Bay and Walker,1990)

(Cradens and Piercy,2006) .

(Imber,2000) .

(Product)

(Distribution)

(Promotion)

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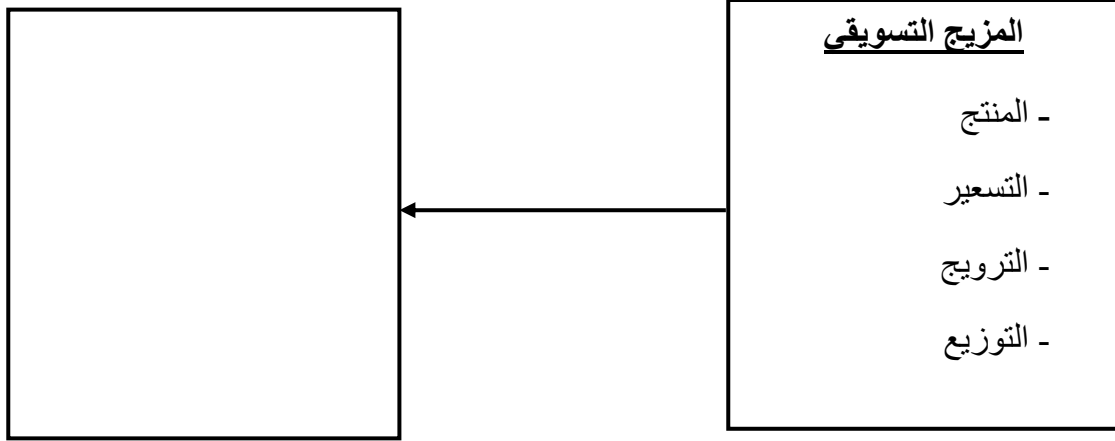
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Marketing Mix

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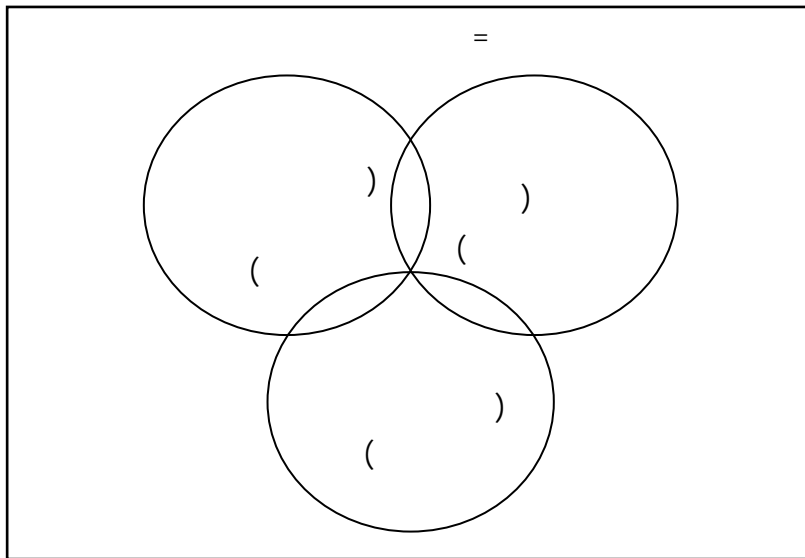
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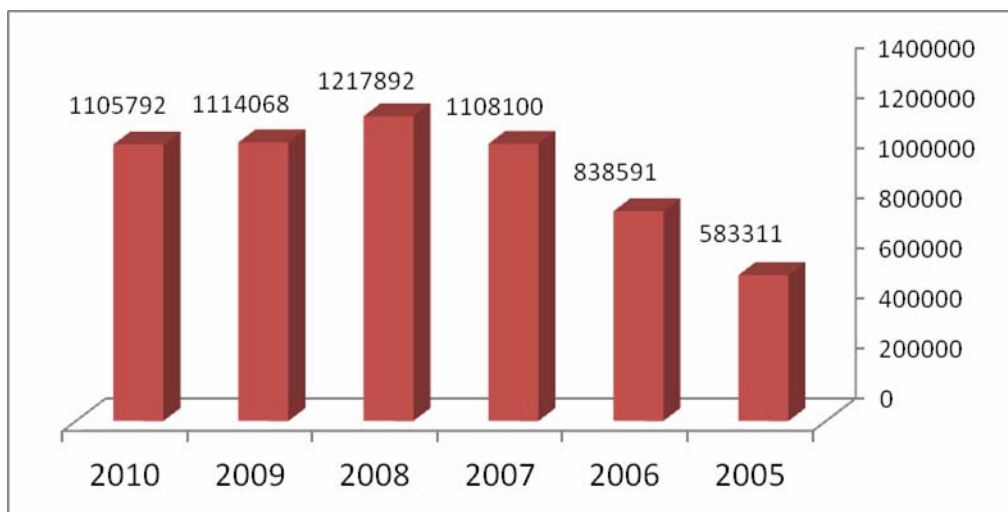
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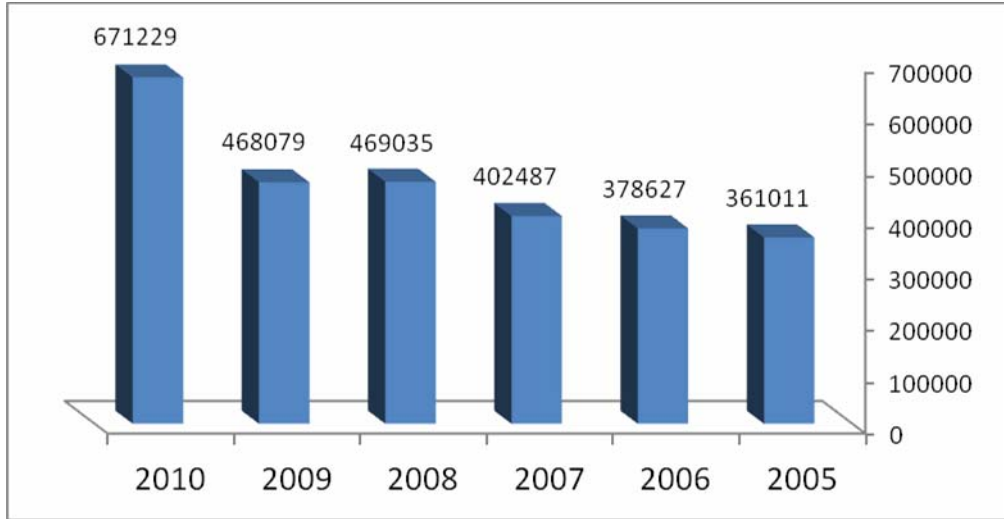
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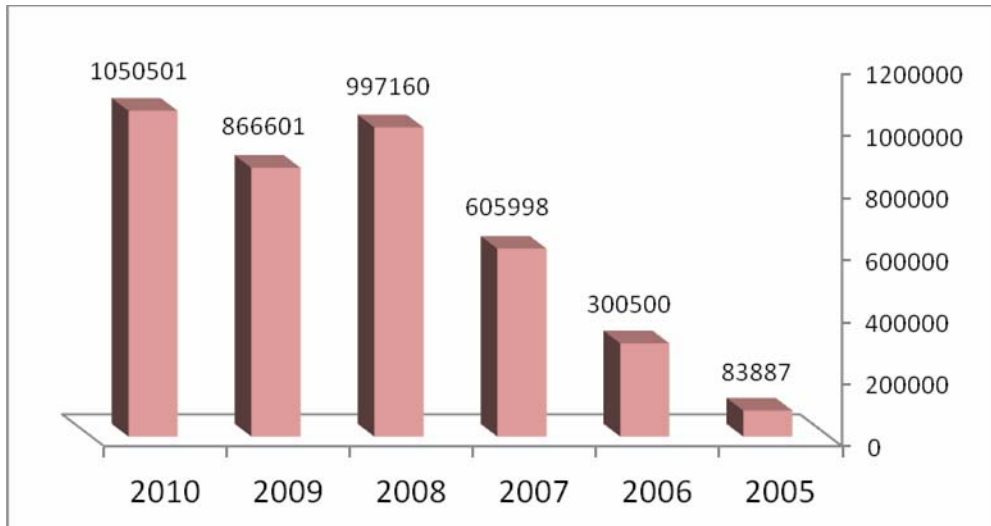
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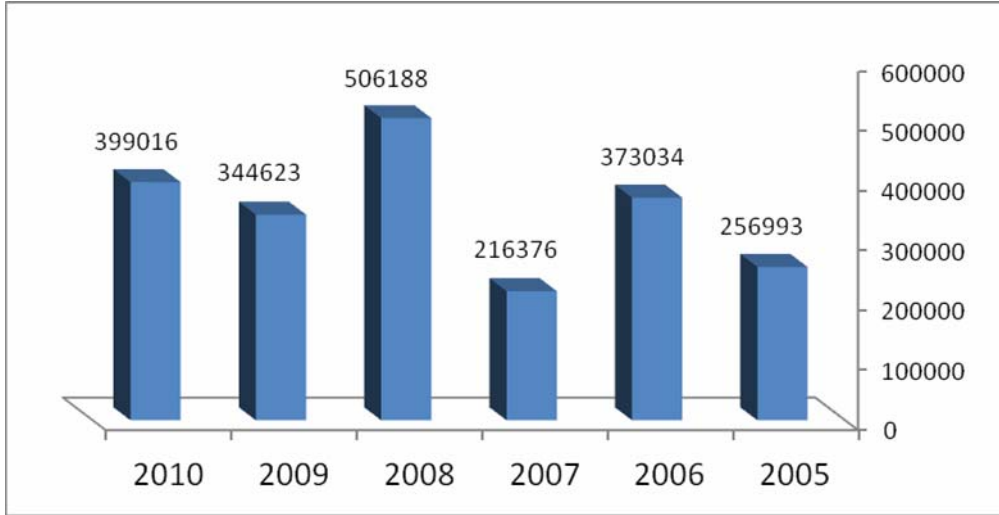
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**"The Marketing Mix Elements and their : (2004) -
Impact on the Overall Performance of Jordanian Pharmaceutical
Industries"**

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: (Smith, 2003) -

"An Empirical Investigation of Marketing Strategy Quality in Medical Markets"

(18)

: (Narayanan and Desiraju and Chintagunta, 2004) -

"Return on Investment Implications of Pharmaceutical Promotional Expenditures: the Role of Marketing Mix Interactions"

: (Evanschitzky and Woisetschlager , 2009)

"The Impact of Marketing Mix Efforts on Brand Equity"

(5331)

: (Chrysochou, 2010) -

"Food Health Branding: the Role of Marketing Mix Elements and Public Discourse in Conveying a Healthy Brand Image"

: (Bodea and Bacali, 2011)

**"Importance of the Marketing Mix Components in the Context of
Romanian Firms' Marketing Performance"**

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(Content Validity)

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(Cronbach Alpha)

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(0.774)

(0.939)

(0.963)

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0.882	10	
0.774	11	
0.939	15	
0.866	7	
0.815	6	
0.963	49	

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(vif)

(tolerance)

(multi co linearity)

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skewness	(VIF)	(tolerance)	
0.076	2.56	0.390	
0.007	2.26	0.442	
0.448	4.39	0.227	
0.330	3.28	0.305	

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	5	(%20.37)	
	(%14.81)	10-6	(%27.78)
.	16	(%37.04)	. 15-11
	5		
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16		.(%35.19)	15-11
		.	(%29.63)
(%1.85)			
	(3)	.(%14.81)	
.	(%24.07)	(4)	.(%35.19)
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(%14.81)	.	(%5.56)	(25)

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75.93	82		
24.07	26		
100	108		
29.63	32	30	
31.48	34	35 - 30	
14.82	16	39 - 36	
24.07	26	40	
100	108		
9.26	10		
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61.11	66		
100	108		
20.37	22	5	
27.78	30	10 5	
14.81	16	15 11	
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12.96	14	5	
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1	عالية	0.82	4.00	.1
9	متوسطة	0.90	3.44	.2
3	عالية	0.74	3.94	.3
5	عالية	0.99	3.67	.4
4	عالية	0.89	3.69	.5
8	متوسطة	0.98	3.56	.6
6	متوسطة	1.10	3.63	.7
1	عالية	0.80	4.00	.8
10	متوسطة	1.10	3.33	.9
7	متوسطة	0.96	3.59	.10

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7		1.04	3.52	-1
9		0.85	3.35	-2
9		1.03	3.35	-3
2		0.85	4.00	-4
6		0.92	3.56	-5

5		0.69	3.78	-6
4		0.80	3.83	-7
11		0.79	3.2	-8
8		0.98	3.43	-9
3		0.91	3.93	-10
1		0.75	4.04	-11
		0.49	3.63	

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108=

6		1.18	3.43	-1
9		1.14	3.26	-2
4		0.96	3.44	-3
2		0.91	3.48	-4
10		1.05	3.2	-5
11		1.03	3.19	-6
15		1.03	3.09	-7
12		1.08	3.17	-8
13		1.20	3.13	-9
14		1.11	3.11	-10
8		1.04	3.31	-11

7		1.03	3.33	-12
2		1.02	3.48	-13
4		0.92	3.44	-14
1		0.80	3.67	-15
		0.76	3.32	

5-2-4

(5-4)

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108=

5		0.94	3.43	-1
2		0.92	3.78	-2
3		0.82	3.48	-3
4		1.04	3.44	-4
6		0.96	3.28	-5
7		0.90	3.09	-6 (Time Just in)
1		0.91	3.81	-7
		0.69	3.47	

(6-4)

.3.32

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.3.53

(6-4)

108=

1		0.65	3.69	
2		0.49	3.63	
4		0.76	3.32	
3		0.69	3.47	
		0.57	3.53	

6-2-4

(7-4)

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108=

5		1.06	3.30	-1
6		1.07	2.98	-2
2		0.72	3.93	-3
1		0.67	4.00	-4
3		0.65	3.81	-5
4		0.81	3.74	-6
		0.61	3.63	

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. ($\alpha \leq 0.05$)

.(standard multiple regression)

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: HO1-1

. ($\alpha \leq 0.05$)

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	Sig t	t	β
	0.072	1.81	0.173

(enter)

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 β

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t

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: **HO1-2**.($\alpha \leq 0.05$)

(9-4)

(enter)

	Sig t	t	β
	0.000	4.20	0.376

(enter) (9-4)

β .

.(37.6) ()

(0.000) (4.20) t

.0.05

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: HO1-3

.($\alpha \leq 0.05$)

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(enter)

	Sig t	t	β
	0.143	1.47	0.184

(enter)

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 $(\alpha \leq 0.05)$

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:HO1-4

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(11-4)

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	Sig t	t	β
	0.000	4.26	0.460

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	Sig f	f	R ²	R
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$(\alpha \leq 0.05)$

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(Smith,2003)

(Chrysochou,2010)

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- .16 (2005) " .
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1. Bodea, A. M. & Bacali, L. (2011) "Importance of the marketing mix components in the context of Romanian firms' marketing Performance". *Review of Management and Economic Engineering*, 10(2), 57–70.
2. Chrysochou, P. (2010). "Food health branding: The role of marketing mix elements and public discourse in conveying a healthy brand image". *Journal of Marketing Communications*, 16, 69 – 85.
3. Evanschitzky, H. & Woisetschlager, D. (2009) "The Impact of Marketing mix efforts on brand equity". *American Marketing Association*, 184 – 185.
4. Imber, J. & Toffler, B. (2000). *Dictionary of marketing terms*, (3rd ed.), New York: Barron's educational services.
5. Jobber, D. & Fahy, J. (2009), *Foundation of Marketing*. Delhi: Tata McGraw Hill Education Private Limited.
6. Jones, G.R. (2007). *Introduction to bussiness: How companies create value for people*, New York: McGraw – Hill.
7. Kotler, P. & Armstrong, G. (2008). *Principles of marketing*. (12th ed.), New Jersey: Prentice Hall.
8. Kotler, P., Wong, V., Saunders, J. & Armstrong, G. (2005). *Principles of marketing*, (4th ed.), UK: Pearson Education.
9. Kurtz, D.L. (2008). *Principles of contemporary marketing*. (1st ed.), USA: Thomson South-Western.
10. Narayanan, S., Desiraju, R. & Chintagunta, P. (2004). "Return on investment implications for pharmaceutical promotional expenditures: The role of marketing mix interaction". *Journal of Marketing*, 86, 90 – 105.
11. Prasad, A. (2002). *A Dictionary of strategic management*, (1st ed.), New Delhi: Excel Books.

12. Smith, B. (2003) "An empirical investigation of marketing strategy quality in medical markets" *International Journal of Medical Marketing*, 3 (2), 153–162.

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