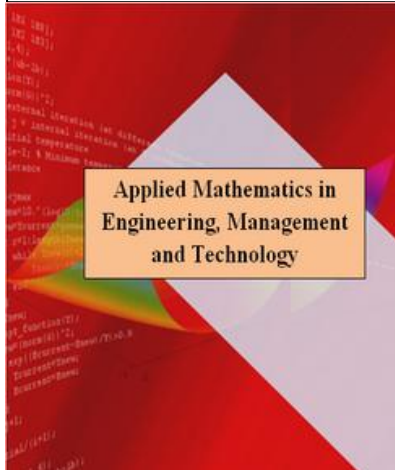


Investigate the relationship between creative styles in children with cancer

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Abstract

The aim of the present study is creative thinking in children malignancy. Purpose of the questionnaire of 60 questions over a quarter of a brain Herman assess mastery of style, creative brain quarter D in a sample of 103 cases of children with cancer from a questionnaire of 35 questions measuring the effectiveness of the model, Parsons To measure the effectiveness of the sample of 412 women teachers Pearson correlation and regression analysis were used. According to the results, over a quarter of creative brain thinking style level 99 D / 0 positive and significant relationship with the effectiveness of a cancer children, training of four components: the ability to adapt, to realize the objectives of consistency and continuity.

Key words: management, effectiveness, Herman brain model, brain dominance quarter, a quarter of creative brain-D

1. Introduction

Creative thinking, effective communication, power, knowledge production and innovation issues are important for the adoption of a new era.

In the age of communication and information management critical element will play a fundamental role. On the other hand with the advancement of technology and communication and management changes much faster it is. Jvpr educational administrators in schools with challenging and changing face.).

In fact, creativity is the basis of developed nations. use their schools (Hoy Vmyskl, 1387).

creative brain quadrant D level of their effectiveness in teaching children with cancer childhood cancer has been carried out in Tehran.

2. History of Research

Studies show that there are eight key properties Tfkrshkhsyty brain thinking and learning that will affect us. Our brain is a unique one, devoted 2, position 3, 4 interconnected, repeater, 5, 6 fluent, flexible, 7 and 8 is complete. Our brain is unique just like our fingerprints are unique. Is not no two people have the same brain pattern. Our brain is also specified. Different parts of the brain responsible for different functions, including writing, viewing, and listening are calling. Because our brain has billions of nerve repeater has built with millions of recipients. We're also your brain under conditions of use. On the other parts of our brain are mastered. Our brains are flexible and complete. Our brain is so flexible that any inherent limitations. All the features of the brain fully assert that all have access to it, but certain parts of the brain to other parts of caprice and learn to master them (college Mifflin Hgtvn, 2008). Ndhrrm 9 view all the brain as described(Ndhrrm, 1988,70)

While research on the brain in 1976, was a source of creativity, Ned Herrmann say, like Joseph, Paul McLean, Roger did spray research. Their work and experiments, it was concluded that the brain is in 4 parts and areas. The combination of left and right hemisphere theory sprayed Roger Herman, Robert Arnstyn (1997: 96), Henry Mintzberg and Mychayl Gazanyka (1998: 35) with the triune brain theory McLean (rational brain, intermediate brain and primitive brain) and physical connections between the hemispheres between right and left cerebral and limbic brain areas of the brain are used to model four quadric offer (Abdullah, Krishnan, Balasyngm, Electroencephalographs Funk, 2002. Harman International, 2008). The figure below shows how the whole brain theory (Chharry) Herman, left and right brain hemisphere theory (based on neurological research in the field)

and three brain theory (based on the results obtained in anthropology) covers (Bauer, Lewis, Austin , Come, 1999. Herman, 1995: 40-31., 1996. Lamzdyn, Lamzdyn, Shlnat, 1999: 51).

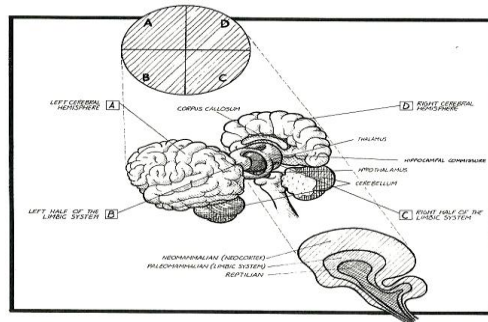


Fig. 1-The triune brain theory combined with the theory of the right hemisphere and the left hemisphere (Herman, 1995: 40) .

A key concept in the model of domination Herman is a tendency to use a particular model, rather it argues the other quadrants. In this respect it is rather like hand writing. a holistic planner, pragmatic and well organized you are. Preference for a high score in quadrant C gives you the feeling brain, both in yourself and in others you are working. If you tend to be emotional and sympathetic, and you prefer to work in groups. Finally, if you are a person with a preference D cerebral quarter you might imagine, are creative and innovative. Do you often get into a great picture, but you may have difficulties to express your ideas to others (Helm and Kray, 2000).

More words that express the D quadrant stroke include: artist, creativity, holistic, imaginative, synthesizers and fantasy. They are a team who have the ideas and the ideas derived from multiple sources can be combined to create something new from it enjoy. (Who Vysvky, 1381, 101) D quadrant thinkers are often Bshrdvstany prefer collaborative learning and group discussion. They are often visual, fiction, space, are flexible and intuitive. D quadrant thinkers often features design innovation and strategic deal. As learners, thinkers, but the details are searching for great images. They prefer pictures to words, and doing stuff with the open end (Harris, Sadvsky, Berkman, 2006. Lamzdyn, 1999).

3.Measure of effectiveness

A higher value results in this model to guide the selection criteria specified by "Talcott Parsons" has been prepared. He correctly assumes that the survival of the social system depends on four critical functions. These functions to identify other sources of stem and can be considered as goals. The four functional problems include: compliance, business purpose, coherence or unity, continuity and reliability (latency). Each of the four indicators that are available for the effective four-dimensional Parsons.

1 - Compatibility: includes indicators of the growth and development initiative.

2 - goal: indexes of the success, quality and effectiveness of resource acquisition.

3 - Integration: includes indicators of job satisfaction, a healthy environment, communication, and conflict.

4 - endurance: include indicators of loyalty main interests in life, it takes motivation and identity (Robbins quotes Mirkamaly, 1382: 62)

4.Research Objectives

The aim of this study was to determine the relationship between creative style domination cerebrospinal quadrant D level of effectiveness and efficiency parameters such as adaptable, educational goals, power, coherence or unity, continuity and reliability of strength training is for children with cancer.

5.Hypothesis

Main Hypothesis: The Brain dominance Quadrant D teaching children with cancer are related to the level of their effectiveness.

The first sub-hypothesis: the brain quarter dominance relation D is their adaptability training for children with cancer.

The second sub-hypothesis: the dominance quadrant D brain cancer in children are related to their educational goals.

The third sub-hypothesis: the brain over a quarter of coherence or unity with strength training for children with cancer and their D are related.

The fourth sub-hypothesis: the brain quadrants dominate D Continuity or reliability of strength training for children with cancer are related.

6.Variables

1 - predictor variables: mastery of core quadrant A, cerebral dominance quadrant B, C, and over a quarter over quarter Brain Brain D.

2 - variable criteria: effectiveness (high, low), adaptability, goals, integrity or unity, continuity and reliability.

7.Methods

This study uses cross correlation is Azbrsry population in this study is Azklyh children with cancer and childhood cancer teachers education in Tehran 8-1387 is. The method used in this study were sampled, sampling is random. Based on this sample of 103 children and 412 teachers of children with cancer are cancer Tehran.

8.The instrument

8.1.Questionnaire 1 HBDI Herrmann brain dominance

In this study, to assess mastery of style, creative brain quarter D of the subscales of the questionnaire of 60 questions measuring tool over a quarter of a brain Herrmann HBDI that and work preferences of each quarter of the Brain by Edward and Monica Lamzdyn (Lamzdyn News, 1386) and model 4 quadric theory Ned Herman (Herman, 1995) matched and consists of 60 questions with four sub-scales is the master brain in four styles quarter Brain A, quarter, core B, quarter, core C and a quarter of a brain-D and three-level : dominance, Available thinking and thinking, avoidance measures are used.

8.2.Management Effectiveness Evaluation Questionnaire

In this study to measure the effectiveness of managers' performance, compatibility, accomplish goals, consistency and continuity for children with cancer from a 35-item questionnaire was developed based on the model of Parsons and management effectiveness in four component compatibility, accomplish goals, integrity or unity and continuity or reliability of the test (Farokhnezhad, 1376).

9.Validity and reliability of two questionnaires

on the validity and reliability used in this study should be noted that the questionnaire over a quarter of Brain Herman by Ndhrrmn in 1976 when he was responsible for training management Ge were crafted and credibility both internally and externally in several Specialization is done in stages (Bandrsn, 1995-1987).

It is for just this lack of literature rich Few studies in this field in Iran have been done, but at the international level several studies indicate the validity of the reliability measures over a quarter of the brain-specific information psychometric properties of 3 HBDI are in the independent review by Bandrsn (1987) Educational Testing Service and is found in the eleventh Salnam^a mental tools (Bruce, 1992. MnylyVpvrtylv, 2005).right and left hemisphere dominance was used to verify the reliability through Cronbach's alpha, the sample 42/84 per cent is measured.

On the validity of reliability assessment questionnaire effectiveness must also be said that this question frequently by researchers to analyze and reliability from 95 to 96 have been reported in the present study reliability-based sample and using Cronbach Alpha 40/95 per cent is measured.

10. Analysis of Results

For data analysis, descriptive statistics, inferential statistics, as well as parametric tests were used for analysis. Main Hypothesis: The Brain dominance quadrant D level executives learning effect relationship exists.

Table 1: Mjzvrhmbstgy its plot and ANOVA predicting variable (quarter cerebral dominance D) Vmtghyrlak (effectiveness)

model	Source Distribution	Sum of squared	Degrees of freedom	The mean squared	Square of correlation coefficient	Adjusted squared correlation coefficient	F	Significant
1	residuals	10174/187	1	10174/187	0/408	0/402	69/689	0/000
	Regression	14745/361	101	145/994				
	residuals	24919/541	102					

If the results of the analysis are shown in Table 1 = 0.000 69.689 = F value is significant. These results confirm the hypothesis. Between the predictor variables (cerebral dominance quadrant D) and the criterion variable (the heads of), positive and significant at a confidence level of 99 Drsdrabth there.

- 1) Validity
- 2) Reliability
- 3) Psychometry

The first sub-hypothesis: the dominance quadrant D brain training for children with cancer are adaptable Nharabth.

Table 2: Mjzvrhmbstgy its plot and ANOVA predicting variable (quarter cerebral dominance D) Vmtghyrlak (adaptability)

model	Source Distribution	Sum of squared	Degrees of freedom	The mean squared	Square of correlation coefficient	Adjusted squared correlation coefficient	F	Significant
1	residuals	844/882	1	844/882	0/413	0/407	70/978	0/000
	Regression	1202/245	101	11/903				
	residuals	2047/126	102					

If the results of the analysis are shown in Table 2 = 0.000 70.978 = F value is significant. This finding supports the hypothesis of the first sub-study. Means between the predictor variable (quarter cerebral dominance (D and criterion variable (adaptable managers), there is a positive and a confidence level of 99 Drsdrabth.

The second sub-hypothesis: the dominance quadrant D brain training for children with cancer and their goals are related.

Table 3: Mjzvrhmbstgy its plot and ANOVA predicting variable (quarter cerebral dominance D) Vmtghyrmlak (goals)

model	Source Distribution	Sum of squared	Degrees of freedom	The mean squared	Square of correlation coefficient	Adjusted squared correlation coefficient	F	Significant
1	residuals	493/545	1	493/545	0/350	0/343	54/313	0/000
	Regression	917/789	101	9/087				
	residuals	1411/334	102					

As can be seen from Table 3 Regression results of significant value is 0.000 and $54.313 = F$. This finding supports the hypothesis of a second sub. Means between the predictor variable (quarter cerebral dominance (D) and criterion variable (achieving goals), positive and significant at a confidence level of 99 Drsdrabth there.

The third sub-hypothesis: the dominance of coherence or unity with strength training for children with cancer Quadrant D brain they are related.

Table 4: Mjzvrhmbstgy its plot and ANOVA predicting variable (quarter cerebral dominance D) and the criterion variable (spatial coherence)

model	Source Distribution	Sum of squared	Degrees of freedom	The mean squared	Square of correlation coefficient	Adjusted squared correlation coefficient	F	Significant
1	residuals	655/617	1	655/617	0/296	0/289	42/521	0/000
	Regression	1557/293	101	15/419				
	residuals	2212/910	102					

If the results of the analysis are shown in Table 4, significant amounts are 0.000 and $42.521 = F$. This study confirms the findings of the third sub-hypothesis. Means between the predictor variables (cerebral dominance quadrant D) and the criterion variable (cohesion or unity power management), there is a positive and a confidence level of 99 Drsdrabth.

The fourth sub-hypothesis: the brain quadrants dominate D Continuity or reliability of strength training for children with cancer Nharabth there.

As can be seen in Table 5 Results of regression = 0.000 $51.394 = F$ value is significant. This study confirms the findings of the fourth sub-hypothesis. Between the predictor variables (cerebral dominance quadrant D) and the criterion variable (continuous or reliability of), positive and significant at a confidence level of 99 Drsdrabth there.

11. Discussion and Conclusion

Increase the Style Mtghyrtslt creative brain quadrant D variable effectiveness increases. The results show that sub-hypothesis: the brain quadrant D dominate thinking styles adaptable to children with cancer education, goals, power, coherence and consistency of the 99% confidence level, there is a significant relationship. The findings with the findings of previous research (Holy, 1388) regarding the role over a quarter of brain D in increasing the effectiveness, adaptability, goals, power, consistency and continuity for children with cancer education, the findings of Rowe and Waters (1992) Arshddr students of public management field as well as a combination of the findings Vtn and Cameron (1376) are consistent with effective skills for children with cancer. The findings of this study can be used to coordinate the control of brain quarter D with the expectations and requirements of the job manager (diversity and distribution operations manager) pointed out. These findings, research findings, Herman (1995), Holland (1985), Rice Vlayndkmp (1989), Ravvatrz (1992) suggests that the profile of the person you are matched with the nature of his work and career expectations and will result in a high, consistent. So over a quarter of creative thinking style D brain cancer in children can be

used as a determining factor in the effectiveness, adaptability, goals, integrity, stability and continuity for children with cancer be considered.

Innovative behavior is not an exception. For example: Bysdvr suggests that in future companies, labor leaders Artin feature are as follows: to help people.

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