

The Comparison of Human Body Electromagnetic Radiation between Down Syndrome and Non Down Syndrome Person for Brain, Chakra and Energy Field Stability Score Analysis

Mastura Rosdi , Ros Shilawani Sheikh Abd Kadir , Zunairah Hj Murat and Nadiah Kamaruzaman
Faculty of Electrical Engineering
Universiti Teknologi MARA Malaysia
40450 Shah Alam, Selangor, Malaysia
ros885@salam.uitm.edu.my

Abstract - This paper present a study on the comparison of human body Electromagnetic radiation of Down Syndrome and Non Down Syndrome persons. Frequency data were recorded using human body radiation detector from 15 persons from National Association of Down Syndrome Malaysia and 15 persons from Universiti Teknologi MARA, Shah Alam with age range between 6-28 years old. The body Electromagnetic radiation was analyzed based on three analyses which are brain analysis, chakra analysis and energy field stability score analysis. The data was analyzed using software by converting the frequency into color and categorized the human aura. From these findings, Brain Analysis indicated that Non Down Syndrome persons were slightly relax and creative by 93.33% as compared to Down Syndrome persons by 80%. For Chakra Analysis, Non Down Syndrome persons are better in communication, handling stress and their mind rather than person with Down Syndrome by 80%. For the Energy Field Stability Score Analysis, results demonstrated that 26.67% of Non Down Syndrome persons having a stable personality while 20% persons for Down Syndrome persons. Additionally, 80% of Down Syndrome persons have dynamic personalities while 73.33% for Non Down Syndrome persons. By completing this research, it can be concluded that the human body radiation detector can identify the human body Electromagnetic radiation or aura between Down Syndrome and Non Down Syndrome person.

Keyword: *Electromagnetic, Human Body Radiation Detector, Down Syndrome, Chakra*

I. INTRODUCTION

Down Syndrome is most common referring to chromosomal condition associated with mental retardation [1]. This condition is caused by the existence of all or part of an extra 21st chromosome. By through chorionic villus sampling or amniocentesis during pregnancy or in a baby at birth, a down syndrome can be identified in a fetus. Chorionic villus sampling (CVS) is prenatal diagnosis to verify chromosomal or genetic disorder in the fetus [2]. The chromosomal disorder occurs in every 1 in 650 live births [1]. Regularly Down Syndrome is related with a few impairment of cognitive ability and physical growth and a particular set of facial characteristics [3,4]. Individuals with Down Syndrome usually

have a low intelligence, ranging from mild to moderate disabilities.

Aura is the electromagnetic energy field that exists around the human body, plants and animals [5]. Every living organism has their own radiation whereby everyone has different frequencies among their body. The radiation field encloses the human as a sphere of radiation [6,7] and depicted as endogenous energy fields generated by and contained within the body. By the biological system, this phenomenon has been described to be electromagnetic (EM) field generated [8,9].

Human body radiation detector is a technology which gives information and objective interpretations for all auras and identifies the type and function present in specific regions of human body. Human body radiation detector accurately identifies and interprets 15 colors of bioenergy which measure the frequency at human body at various points and distances and it is basically measures in megahertz (MHz) [5].

In this research, the analysis interpretations of human body Electromagnetic radiation were divided into three parts which are Brain Analysis (point 40), Chakra Analysis (point 35-40) and the Energy Field Stability Score Analysis (point 1-40). Figure 1 shows the standard of the human body levels that was analyzed

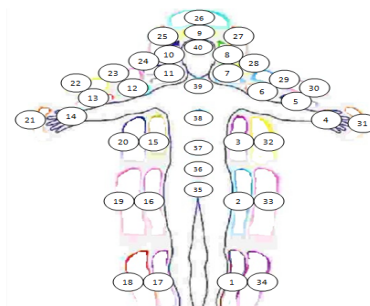


Figure 1. Standard human body level

Table I shows the colors and frequencies identified by human body radiation detector in order to analysis the human body Electromagnetic radiation.

TABLE I. THE COLORS AND FREQUENCIES IDENTIFIED BY HUMAN BODY RADIATION DETECTOR [10]

Colour	MHz	Colour	MHz	Colour	MHz	Colour	MHz
Gold	4.0-4.1	Gold	15.7-16.5	Gold	62.5-66.0	Gold	249.8-264.2
Yellow	4.2-4.3	Yellow	16.6-17.4	Yellow	66.1-69.9	Yellow	264.3-279.7
Green	4.4-4.6	Green	17.5-18.5	Green	70.0-74.1	Green	279.8-296.7
Cyan	4.7	Cyan	18.6-18.7	Cyan	74.2-74.9	Cyan	296.8-299.7
Gray/Black	4.8	Gray/Black	18.8-19.3	Gray/Black	75.0-77.5	Gray/Black	299.8-310.2
Cyan	4.9	Cyan	19.4-19.6	Cyan	77.6-78.5	Cyan	310.3-314.2
Blue	5.0-5.1	Blue	19.7-20.7	Blue	78.6-83.1	Blue	314.3-332.7
Navy	5.2-5.5	Navy	20.8-22.0	Navy	83.2-88.1	Navy	332.8-352.7
Purple	5.6-5.8	Purple	22.1-23.3	Purple	88.2-93.4	Purple	352.8-373.7
Orchid	5.9-6.1	Orchid	23.4-24.6	Orchid	93.5-98.6	Orchid	373.8-394.7
Silver	6.2	Silver	24.7-25.0	Silver	98.7-100.0	Silver	394.8-400.2
White	6.3	White	25.1-25.3	White	100.1-101.1	White	400.3-404.9
Burgundy	6.4-6.5	Burgundy	25.4-26.2	Burgundy	101.2-104.8	Burgundy	405.0-419.4
Red	6.6-6.9	Red	26.3-27.7	Red	104.9-111.1	Red	419.5-444.5
Rose	7.0-7.3	Rose	27.8-29.4	Rose	111.2-117.8	Rose	444.6-471.4
Orange	7.4-7.8	Orange	29.5-31.2	Orange	117.9-124.8	Orange	471.5-499.4
Gold	7.9-8.2	Gold	31.3-33.0	Gold	124.9-132.1	Gold	499.5-528.5
Yellow	8.3-8.7	Yellow	33.1-34.9	Yellow	132.2-139.6	Yellow	528.6-559.4
Green	8.8-9.2	Green	35.0-37.0	Green	139.9-148.3	Green	559.5-593.4
Cyan	9.3	Cyan	37.1-37.4	Cyan	148.4-149.8	Cyan	593.5-599.4
Gray/Black	9.4-9.6	Gray/Black	37.5-38.7	Gray/Black	149.9-155.1	Gray/Black	599.5-620.5
Cyan	9.7-9.8	Cyan	38.8-39.2	Cyan	155.2-157.1	Cyan	620.6-628.5
Blue	9.9-10.3	Blue	39.3-41.5	Blue	157.2-166.3	Blue	628.6-665.4
Navy	10.4-11.0	Navy	41.6-44.0	Navy	166.4-176.3	Navy	665.5-705.4
Purple	11.1-11.6	Purple	44.1-46.7	Purple	176.4-186.8	Purple	705.5-747.4
Orchid	11.7-12.3	Orchid	46.8-49.3	Orchid	186.9-197.3	Orchid	747.5-789.4
Silver	12.4-12.5	Silver	49.4-50.0	Silver	197.4-200.1	Silver	789.5-800.5
White	12.6	White	50.1-50.6	White	200.2-202.4	White	800.6-809.9
Burgundy	12.7-13.1	Burgundy	50.7-52.4	Burgundy	202.5-209.7	Burgundy	810.0-838.9
Red	13.2-13.8	Red	52.5-55.5	Red	209.8-222.2	Red	839.0-889.1
Rose	13.9-14.7	Rose	55.6-58.9	Rose	222.3-235.7	Rose	889.1-942.0
Orange	14.8-15.6	Orange	59.0-62.4	Orange	235.8-249.7	Orange	942.0-1000

II. LITERATURE REVIEW

A research done by Husna Abdul Rahman et.al [5] studied the analysis of correlation between body mass index and human physical condition using Resonant Field Imaging system (RFI). The objective is to investigate the relationship of different health condition with different BMI category such as underweight, normal, overweight and obese. This research have shows that aura is highly characterized and affected by the emotional and physical condition of the person. Besides that, aura is the electromagnetic energy field that exists around the human body, plants and animals. From the findings, it can be concluded that the samples with normal BMI are generally healthier. This shows that there is a clear and direct psychosomatic connection to the area of bioenergy and implies that pure and high frequency electro field energy is projected from parts of the body.

According to a research done by Gregorij Kurillo, Barbara Bajd [11] which is studied about grip force control in healthy children and children with Down Syndrome. The purpose of this study was to assess the difference in the grip force control between 10-year old healthy children and children with Down Syndrome. The research indicated that finger movements are controlled by the central nervous system which regulates the movement of the hand and arm muscles to act in synergy. In addition that, the central nervous system receives dynamic feedback information from visual sensors as well as from other body sensors placed in the skin, muscles and joints while regulating the motor output. The participants performed three diverse tracking tasks with the aim to obtain more information on their sensory-motor control associated to grasping. This research indicated that the children with Down Syndrome can

develop their performance throughout tedious practice. It also shows that children with Down Syndrome lack many of the fundamental skills related to grasping such as precision of movement, coordination of force, speed and reduced efficiency in performance as compared to the healthy children.

A research done by American Academy of Pediatrics [12] studied the Health supervision for children with Down Syndrome. The purpose of this research is to study about health for children with Down Syndrome. This finding indicates that most of the Down Syndrome persons have intellectual disability in the mild which IQ 50-70 to moderate IQ 35-50 range. It also the hearing and vision impairment that would slow the performance of the person with Down Syndrome.

A study on a communication skill in children with Down Syndrome is done by L.Kumin [14]. The objective of this study is to analyze speech, language and communication for person with Down Syndrome. The findings indicated that children with Down Syndrome are usually good communicators. They are able to interact socially right from immaturity but they have specific difficulty with learning grammar as well as with developing clear speech. In the other words, those Down Syndrome children having a speech and language delay.

Another research by Roberts, JE et.al [15] studied on the language and communication development in Down Syndrome. This research indicated that persons with Down Syndrome having a different language and communication skills. The research has focused on the effectiveness of communications intervention strategies due to ear problems and hearing loss, low gain hearing aids or other amplification devices can be useful for language learning. The aid communication that often used is pointing, body language, object as well as graphics.

III. SIGNIFICANCE OF RESEARCH

Nowadays, all resources had discussed about the meaning of Down Syndrome, the contributing factors to this disease, their symptoms and characteristics. However, the research on human body Electromagnetic radiation of Down Syndrome person has not been done yet.

A theoretical study had shown that each human has a different vibration of Electromagnetic radiation. The Electromagnetic radiation gives information about human physical health, emotional and psychological condition. By having this study, it is very useful in determining the health condition of Down Syndrome and Non Down Syndrome persons. They will also lead to know the relationship between Down Syndrome and Non Down Syndrome characteristics and their aura category. Hence, the vibration of the human Electromagnetic radiation can be measured using very sensitive frequency detector and the human health condition can be identified based on the aura colors [10].

IV. METHODOLOGY

This research mainly concern on analyzing the results for the human body Electromagnetic radiation for Down Syndrome and Non Down Syndrome persons. Frequency data were recorded using human body radiation detector for 15 persons from National Association of Down Syndrome Malaysia and 15 persons from Universiti Teknologi MARA, Shah Alam with age range between 6-28 years old. After collecting all the data, it was then transferred into a program which to get the interpretation of the colors of human body aura and data were analyzed. Lastly, a conclusion had been made.

Three types of analysis were done which were brain analysis, chakra analysis and the energy field stability score analysis. While taking the readings, a control environment needs to be constructed in order to avoid any influenced by environment. Hence, it must be taken at the same location, same detector used and also stand in the open place. Figure 2 shows during the frequency measurement.



Figure 2. During frequency measurement

V. RESULT AND DISCUSSION

Below show some of the results that were obtained from the measurement. All the results were interpreted based on [10]. It was divided into three types of analysis.

- A. Brain Analysis
- B. Chakra Analysis
- C. Energy Field Stability Score Analysis

A. Results From Brain Analysis

Brain Analysis was done to determine the predominant brain state of the persons. All the interpretations involved were referred to [10] as shown in table II. The following results were analyzed based on the frequency that is present at the Third Eye Chakra (Point 40) and their respective color was referred on table I.

TABLE II. THE MEANING FOR EACH BRAIN STATE [10]

Brain State	Meaning
Beta	Normal waking consciousness
Alpha	Moderate and relax condition
Theta	Deep sleep
Delta	Very deep sleep

Figure 3 shows the results of the Brain Analysis according to the type of brain states located. From the findings, it was obviously shows that both of the Down Syndrome and Non Down Syndrome persons fall in the Alpha brain state. According to [10], those persons who were in the Alpha brain state are meant that their brain state was usually related with the moderate and relax condition. Based on the result, the Non Down Syndrome persons were slightly higher compared to person with Down Syndrome due to Alpha Brain State. This research has been shown that although one brain state may predominant at any given time, it actually depending on the activity level of the person. The remaining brain states were present in the mix of brain state at all times. In the simple situation, while somebody is an alpha state, there were also exists in that persons brain a component of beta, theta and delta.

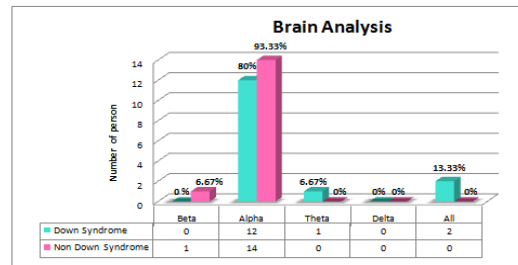


Figure 3. Brain analysis

B. Results From Chakra Analysis

There are six points of Chakra categories involved in this research which are Base Chakra (point 35), Sacral Chakra (point 36), Solar Plexus Chakra (point 37), Heart Chakra (point 38), Throat Chakra (point 39) and Third Eye Chakra (point 40). For Chakra analysis, there are detailed interpretations of color for each chakra points as provided in [10].

Table III and IV demonstrated the number of distribution persons due to each categories and colors for Down Syndrome and Non Down Syndrome persons respectively.

TABLE III. DOWN SYNDROME PERSONS DUE TO EACH CATEGORIES AND COLORS

Categories	Colors	Point 35 (Base)	Point 36 (Sacral)	Point 37 (Solar Plexus)	Point 38 (Heart)	Point 39 (Throat)	Point 40 (Third Eye)
Excellent	Gold	3	1	1		1	2
	Silver				1	2	
Good	White		1				
	Orchid		1		1	2	1
Moderate	Cyan				1	1	
	Rosa	1	1				3
	Purple	2	1	1		2	1
	Blue	3	2	3	2		1
	Navy	1	2	2	4	2	4
	Green	1		1	1		
	Yellow	1	3	2	1	2	1
	Orange			1	1		1
Poor	Black		1			1	1
	Burgundy	2	1	1	1	1	
	Red	1	1	3	2	1	

TABLE IV. NON DOWN SYNDROME PERSONS DUE TO EACH CATEGORIES AND COLORS

Categories	Colors	Point 35 (Base)	Point 36 (Sacral)	Point 37 (Solar Plexus)	Point 38 (Heart)	Point 39 (Throat)	Point 40 (Third Eye)
Excellent	Gold	2					
	Silver		2		1		
Good	White				1		
	Orchid	1	1	1		2	2
	Cyan						1
Moderate	Rose			2	1		2
	Purple		4	2	1	2	1
	Blue	2	3	3	5	2	3
	Navy		1	2	2	1	1
	Green	2	1	1	1	2	1
	Yellow	1	1	1	1	3	2
	Orange		2	1	1	2	
	Black	4		1	1	1	1
Poor	Burgundy	2					1
	Red	1		1			

Figure 4 demonstrated the comparison of the Down Syndrome and Non Down Syndrome persons at the Base Chakra. It shows that most of the Down Syndrome persons were falls into the moderate category with 60% and the rest goes into excellent and poor categories with both 20% respectively. According to [10], base chakra was concerning the sexuality, self-identity and predominant physical or material focus in the person’s life.

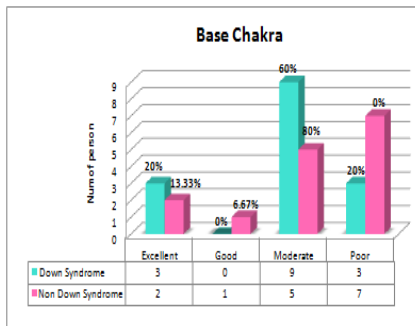


Figure 4. Comparison of Down Syndrome and Non Down Syndrome at Base Chakra

Referring to figure 5, most of the Down Syndrome and Non Down Syndrome persons were goes to the moderate category at Sacral Chakra analysis. According to [10], this category demonstrated that the persons has more related to jubilance or physical vitality and healing. It means that if they are happy, nervousness or else, it can seem and detected based on their emotional and personality and it was supported by [11]. However, the Non Down Syndrome persons were higher rather than person with Down Syndrome where 80% delegate for Non Down Syndrome whereas 60% for Down Syndrome. It means that the Non Down Syndrome persons having a better of physical vitality and healing compared to person with Down Syndrome. These seem agreed with [11-12]. It said that those peoples were always being rational and intellectual thinking in their life as well as in their relationship also as compared to Down Syndrome persons.

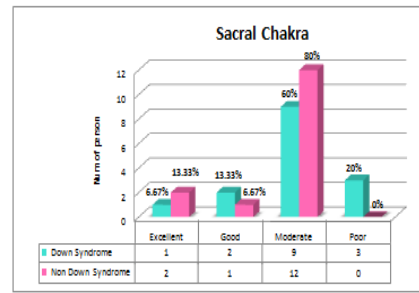


Figure 5. Comparison of Down Syndrome and Non Down Syndrome at Sacral Chakra

Figure 6 shows the comparison between the Down Syndrome and Non Down Syndrome persons at Solar Plexus Chakra. It shows that the majority of Down Syndrome and Non Down Syndrome persons were falls into the moderate category. According to [10], Solar Plexus Chakra is referring to calmness or nervousness of person. From this finding, it was shows that 80% of Non Down Syndrome persons were goes to the moderate category while 66.67% for Down Syndrome persons. It seems to agree that the Non Down Syndrome persons have a better in handling their calmness or nervousness as compared to Down Syndrome persons as supported based on [11].

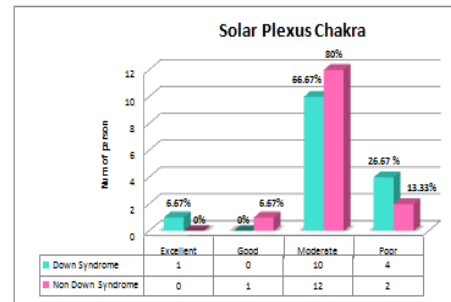


Figure 6. Comparison of Down Syndrome and Non Down Syndrome at Solar Plexus Chakra

For Heart Chakra analysis as shown in figure 7, most of the Down Syndrome and Non Down Syndrome persons were goes into the moderate category with 60% and 80% respectively. According to [10], moderate category demonstrated that the person seeks to be seriousness in their communication in their everyday life. They were also able to be open in their expression and communication of emotion.

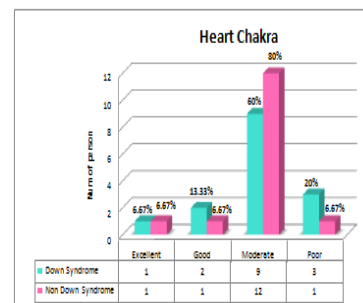


Figure 7. Comparison of Down Syndrome and Non Down Syndrome at Heart Chakra

Referring to figure 8, it was obviously shown that 80% of Non Down Syndrome persons were falls into moderate category at Throat Chakra. According to [10], the moderate category shown that those person that referring to this type of category means that they were jubilance in their communication in a joyful ways, despite of their sentiment as well as their feeling also at the time and it was supported by [13-15].

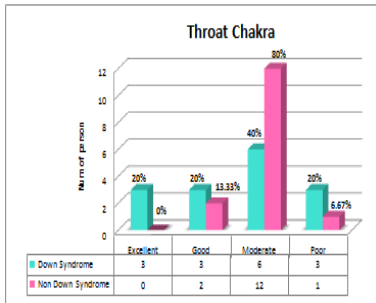


Figure 8. Comparison of Down Syndrome and Non Down Syndrome at Throat Chakra

Figure 9 demonstrated the comparison of Down Syndrome and Non Down Syndrome persons at Third Eye Chakra. From the findings, it was indicated that most of the Down Syndrome and Non Down Syndrome persons were falls into moderate category with 73.33% and 66.67% respectively. From [10], it was described that the third eye chakra was more about the clairvoyance, sensitivity, intuition and intellectual activity also the predominant mental activity as agreed in [11-12]. However, it was shown that there were none of the Non Down Syndrome persons that fall into excellent category at the third eye chakra.

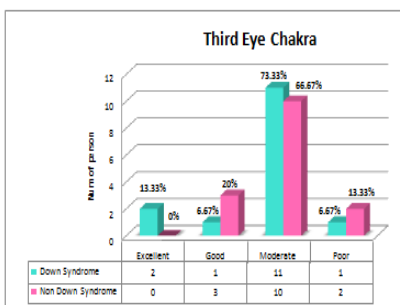


Figure 9: Comparison of Down syndrome and Non Down Syndrome at Third Eye Chakra

Based on the figure 10 and figure 11, most of the Down Syndrome and Non Down Syndrome persons were falls into moderate category. Regarding to the moderate category at Throat Chakra (point 39), it shows that Non Down Syndrome persons were higher than persons from Down Syndrome. This supported by [10,14-16] that Non Down Syndrome persons have a better in communication, handling stress and their mind as compared to Down Syndrome persons.

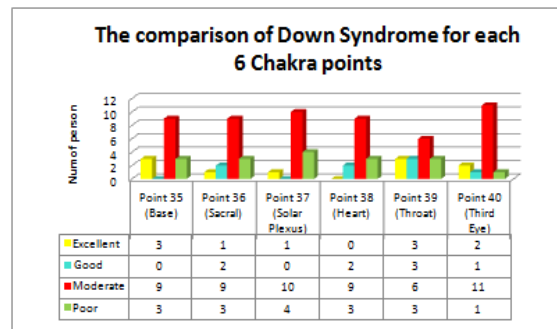


Figure 10. Comparison of Down Syndrome persons for each 6 chakra points

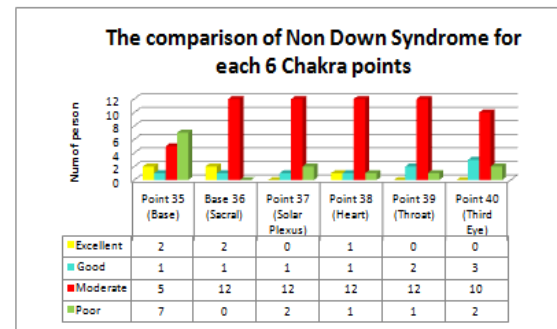


Figure 11. Comparison of Non Down Syndrome persons for each 6 chakra points

C. Results From Energy Field Stability Score Analysis

For the Energy Field Stability Score Analysis, all the 40 points in the standard human body point have been measured to produce score of sub-ranges as shown in table V. It was analyzed in order to know how stable or how dynamic a person energy field is.

TABLE V. THE DESCRIPTIONS OF THE SUB-RANGE SCORE

Score of sub-ranges	Descriptions
0-50	A person has a dynamic (changing) personality
60-100	A person has a stable personality

Figure 12 determined the comparison of the Energy Field Stability Score between Down Syndrome and Non Down Syndrome persons. These findings indicated that most of the Down Syndrome persons fall in sub-ranges 0-50. According to [10], for those persons, their energy field exhibits a dynamic personality at this time. Based on the results, it shows that as much 80% of Down Syndrome persons were having a dynamic personality while 73.33% for Non Down Syndrome persons. However, a number of Non Down Syndrome person were falls in sub-ranges 60-100 were higher rather than persons from Down Syndrome with 26.67% for Non Down Syndrome and 20% for Down Syndrome person. It supported by [10] that the personality of Non Down Syndrome persons were generally more stable as compared to Down Syndrome persons. Person with Down Syndrome shows more difficulties

in the processing of facial expressions of emotions as compared to person from Non Down Syndrome. It seem to agree with the finding from [9,16-17], for this sub-ranges, the personally of persons generally shown in stable.

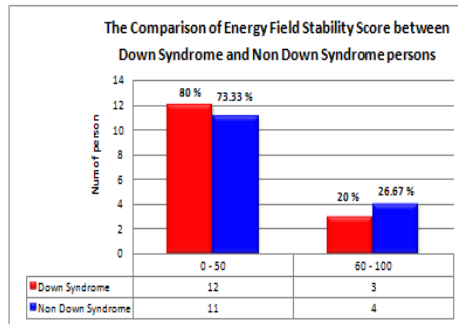


Figure 12. The comparison of the Energy Field Stability Score between Down Syndrome and Non Down Syndrome persons

VI. CONCLUSION

From these findings, Brain Analysis indicated that Non Down Syndrome persons were slightly relax and creative by 93.33% as compared to Down Syndrome persons by 80%. For Chakra Analysis, Non Down Syndrome persons having a better in communication, handling stress and their mind rather than person with Down Syndrome by 80%. For the Energy Field Stability Score Analysis, results demonstrated that 26.67% of Non Down Syndrome persons having a stable personality while 20% persons for Down Syndrome persons. Where as much 80% of Down Syndrome persons were having a dynamic personality while 73.33% for Non Down Syndrome persons. By completing this research, it can be concluded that the human body radiation detector can identify the human body Electromagnetic radiation or aura comparison between Down Syndrome and Non Down Syndrome person.

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