

Research
Project
Presented
by

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At-Risk Children: How drugs,
alcohol and family disturbances play
a role.



PROVIDED DATA FOR THIS RESEARCH

INTRODUCTION

PURPOSE :

The purpose of this research is to determine if residents at Cathedral Home for Children respond to current methods of treatment.

SUBJECTS: The sample population are residents from programs operated by the Cathedral Home for Children.

- Residents' data has been coded to conceal their identity.
- The age of the residents ranges from 0-21 years of age.
- All genders, races, and cultures will be included in this study.
- Data collected on residents ranges from 3 months to 3 years.
- All the data used in this study is secondary.



METHODS

PROCEDURES

PHASE I – Research team contacted a CHC Director to obtain secondary data.

PHASE II - Coded & entered data into SPSS according to gender. Variables in the study included Chemical Abuse, Family Adaptability and Cohesion and Initial and Final treatment scores.

PHASE III – Data was paired statistically based on chemical abuse, family cohesion and pre and post-test treatment scores.

MEASUREMENTS

- **Family Adaptability and Cohesion Scales (FACES-III)** - addresses three dimensions of family behavior: cohesion, adaptability, communication. 20 item self reported instrument which assess the family ability to change
- **Substance Abuse Subtle Screening Inventory For Adolescents (SASSI-A2)**- the test yields scores on scales including: alcohol and drug use, family-friends risk, attitudes and beliefs of use, symptoms, awareness, lack of awareness, subtle attributes, defensiveness, and risk for experiencing legal problems.

RESULTS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Chemical Pre	5.2054	112	2.95656	.27937
	Chemical Post	3.0089	112	2.52375	.23847
Pair 2	Family Pre	7.0991	111	1.93040	.18323
	Family Post	3.4144	111	1.97009	.18699
Pair 3	Initial	65.2054	112	10.56353	.99816
	Final	42.9732	112	8.00615	.75651

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Chemical Pre & Chemical Post	112	.344	.000
Pair 2	Family Pre & Family Post	111	.278	.003
Pair 3	Initial & Final	112	.405	.000

RESULTS

Paired Samples Test

Paired Differences

95% Confidence Interval of the Difference

		Mean	Std. Deviation	Error Mean	Lower	Upper	t	df	Sig. (2-tailed)
Pair 1	Chemical Pre - Chemical Post	2.19643	3.15897	.29849	1.60494	2.78792	7.358	111-	.000
Pair 2	Family Pre – Family Post	3.68468	2.34320	.22241	3.24393	4.12544	16.567	110	.000
Pair 3	Initial - Final	22.23214	10.35147	.97812	20.29393	24.17036	22.729	111	.000

RESULTS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Chemical Pre	4.7627	59	3.05884	.39823
	Chemical Post	2.6610	59	1.80622	.23515
Pair 2	Family Pre	6.8793	58	2.10328	.27617
	Family Post	3.2241	58	1.74761	.22947
Pair 3	Initial	65.0000	59	8.90370	1.15916
	Final	42.4237	59	7.44452	.96919

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Chemical Pre & Chemical Post	59	.484	.000
Pair 2	Family Pre & Family Post	58	.308	.019
Pair 3	Initial & Final	59	.410	.001

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	ChemicalAbPre - ChemicalAbPost	2.10169	2.69543	.35092	1.39926	2.80413	5.989	58	.000
Pair 2	FamilyPre - FamilyPost	3.65517	2.28306	.29978	3.05487	4.25547	12.193	57	.000
Pair 3	Initial - Final	22.57627	8.96200	1.16675	20.24076	24.91178	19.350	58	.000

RESULTS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Chemical Pre	5.6981	53	2.78447	.38248
	Chemical Post	3.3962	53	3.10917	.42708
Pair 2	Family Pre	7.3396	53	1.70906	.23476
	Family Post	3.6226	53	2.18585	.30025
Pair 3	Initial	65.4340	53	12.23411	1.68048
	Final	43.5849	53	8.61893	1.18390

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Chemical Pre & Chemical Post	53	.245	.077
Pair 2	Family Pre & Family Post	53	.241	.082
Pair 3	Initial & Final	53	.404	.003

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Chemical Pre Chemical Post	2.30189	3.62992	.49861	1.30136	3.30242	4.617	52	.000
Pair 2	Family Pre Family Post	3.71698	2.42881	.33362	3.04752	4.38644	11.141	52	.000
Pair 3	Initial - Final	21.84906	11.78395	1.61865	18.60100	25.09711	13.498	52	.000

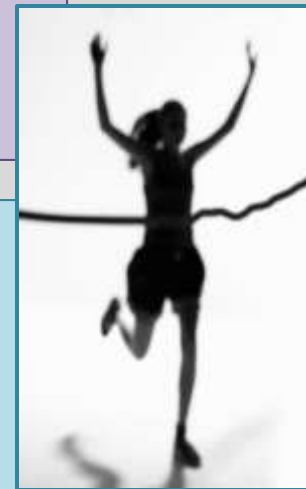
DISCUSSION

- ❖ Grouped together with similar interest of at-risk youth
- ❖ Wrap around services and the Sage Initiative



- ❖ Narrowed our topic
- ❖ Used SECONDARY DATA
- ❖ Began the process

- ❖ What changes need to be made
- ❖ Need for more research



C O N C L U S I O N

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ARE THERE ANY QUESTIONS?