

TITLE OF PANEL DISCUSSION: **Is Punishment Necessary?**

Corresponding Author: Stephen A. Graf, Ph.D.  
Mailing Address: 7779 Lee Run Road  
Poland, OH 44514-2510

Type: DBS

Specialty Areas: BCI, ELS

Time: 110 minutes

Names, affiliations, and mailing addresses of Panel Members:

<u>Name</u>	<u>Affiliation &amp; Address</u>
Gary W. LaVigna, Ph.D.	Institute for Applied Behavior Analysis 5777 W. Century Blvd. Suite 590 Los Angeles, CA 90045

Pancho Barrera, Ph.D.	Applied Behavior Analysis Program Southwestern Regional Centre RR1 Blenheim, Ontario CANADA NOP 1A0
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Judith E. Favell, Ph.D.	AuClair Palms 28308 Churchill Smith Lane Mount Dora, FL 32757
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Ogden Lindsley, Ph.D.	University of Kansas Route 1 Box 157 Lawrence, KS 66049
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(Discussant #1)                      Yet to be named (A number of individuals have declined,  
and the attempt to provide fair representation to  
alternative viewpoints requires a bit more searching)

Richard M. Foxx, Ph.D. (Discussant #2)	Choate Mental Health Center 1000 N. Main Street Anna, IL 62906
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Abstract of the overall purpose of this Panel Discussion: See following page

Self-addressed stamped postcard: Attached

Self-addressed stamped business envelope for scheduling notification and convention information:  
Attached

## Is Punishment Necessary?

In the population of individuals with a significant frequency of destructive behaviors, several approaches have emerged to prevent, treat, and manage these behaviors. One approach involves "behavior reduction" or "punishment". Because such an approach brings legal and ethical considerations into play, the question arises as to whether punishment produces more effective results than other approaches to treatment. The members of the panel will be attempting to summarize the evidence that yields conflicting answers to the question, "Is punishment necessary?"

TITLE OF PANEL DISCUSSION: **Is Punishment Necessary?**

Corresponding Chairperson: Stephen A. Graf, Ph.D.  
Mailing Address: 7779 Lee Run Road  
Poland, OH 44514-2510

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Pancho Barrera, Ph.D.	Applied Behavior Analysis Program Southwestern Regional Centre RR1 Blenheim, Ontario CANADA NOP 1A0
Judith E. Favell, Ph.D.	AuClair Palms 28308 Churchill Smith Lane Mount Dora, FL 32757
Ogden Lindsley, Ph.D.	University of Kansas Route 1 Box 157 Lawrence, KS 66049
Jan Sheldon, Ph.D., J.D. (Discussant #1)	Dept. of Human Development & Family Living School of Law University of Kansas 4001 Dole Lawrence, KS 66045
Richard M. Foxx, Ph.D. (Discussant #2)	Choate Mental Health Center 1000 N. Main Street Anna, IL 62906

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## Is Punishment Necessary?

In the population of individuals with a significant frequency of destructive behaviors, several approaches have emerged to prevent, treat, and manage these behaviors. One approach involves "behavior reduction" or "punishment". Because such an approach brings legal and ethical considerations into play, the question arises as to whether punishment produces more effective results than other approaches to treatment. The members of the panel will be attempting to summarize the evidence that yields conflicting answers to the question, "Is punishment necessary?"

### Note to Panel Members

Thank you for agreeing to participate in this effort. Will keep you posted on developments.

I'd like to produce a handout for the audience which requires the following information from each of you:

- a capsule statement describing your current work environment(s)

From the four panel members but not the two discussants:

- a 50 word position statement on the theme of the discussion, "Is Punishment Necessary?"

Sending or calling this information to me by 1 Feb 1991 would be helpful.

-Steve Graf

# Is Punishment Necessary?

Gary LaVigna, Ph.D.

Thomas Linscheid, Ph.D.

Judith Favell, Ph.D.

Ogden Lindsley, Ph.D.

## DISCUSSANTS

Jan Sheldon, Ph.D., J.D.

Richard Foxx, Ph.D.

## CHAIR

Stephen Graf, Ph.D.

Perspectives on the Use of Nonaversive and Aversive  
Interventions for Persons with Developmental Disabilities

Edited by Repp & Singh.  
Sycamore Publishing, 1990

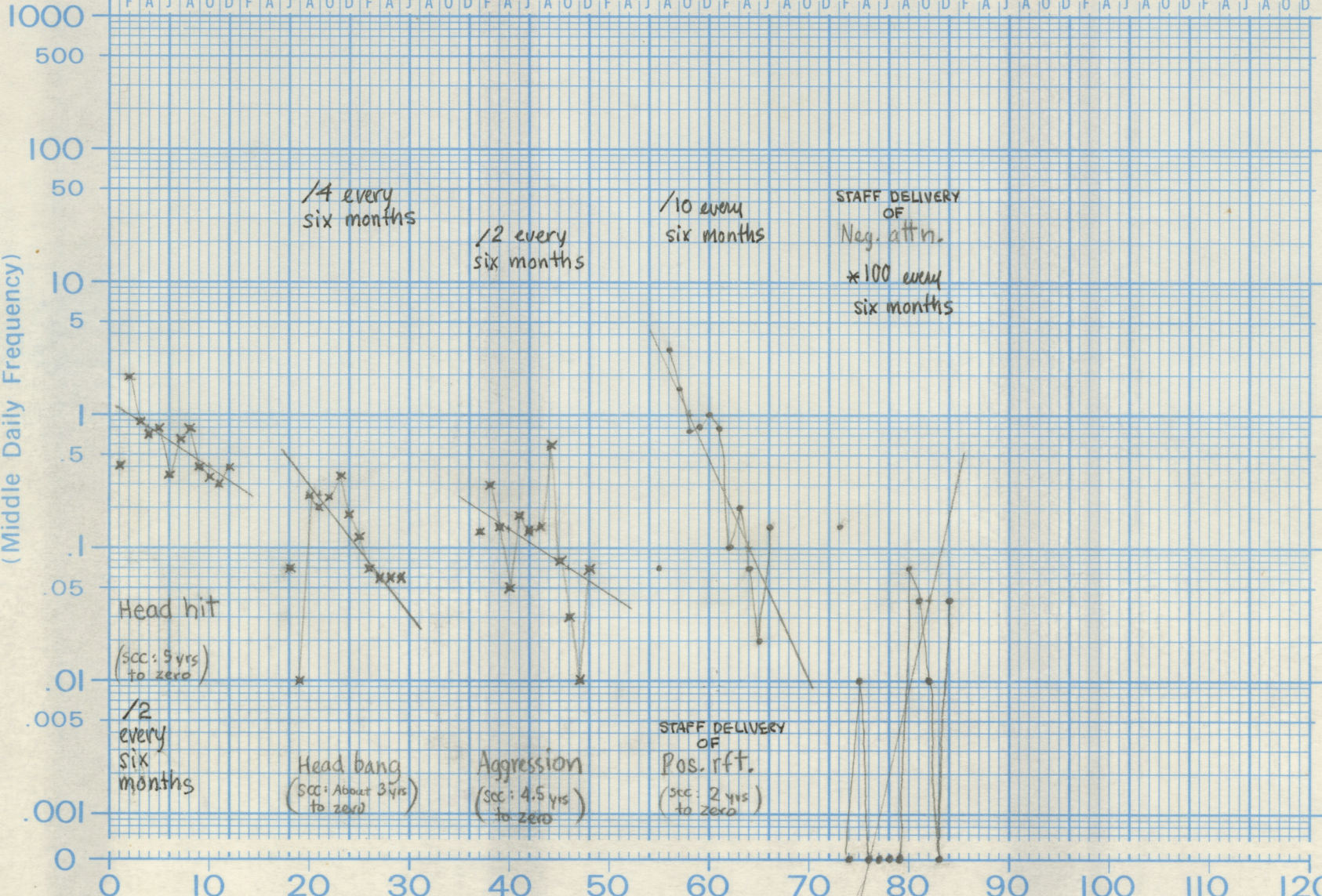
Treatment of Destructive Behaviors in Persons with  
Developmental Disabilities

National Institutes of Health  
Consensus Development Conference Statement  
Volume 7, No. 9, 1989



CALENDAR YEARS

0 1 2 3 4 5 6 7 8 9 10  
19 ? 19 ? 19 ? 19 ? 19 ? 19 ? 19 ? 19 ? 19 ? 19 ?  
YEAR YEAR YEAR YEAR YEAR YEAR YEAR YEAR YEAR YEAR YEAR  
J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N J M M J S N



Each pinpoint was recorded over the same 12-month (year unspecified) period with the first month a "base".

? ? ?  
SUPERVISOR ADVISER MANAGER  
DEPOSITOR State of Connecticut Dept. of MR AGENCY

SUCCESSIVE CALENDAR MONTHS  
T. Paisey, R. Whitney, P. Hilsop, & S. Wainczak: A case study of comprehensive, non-aversive treatment of severe SIB and aggression.  
TIMER COUNTER  
(manuscript)

George 23  
BEHAVIOR AGE  
SAGraf (1 Feb 91) 1987  
CHARTER

Self-injurious Aggressive Mentally retarded Head bang Head hit Aggression  
LABEL COUNTED

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Attached



1991 Convention: Atlanta, Georgia  
**Is Punishment Necessary?**

21 Jr 1991

Dear Participant:

No further information yet on date and time for the symposium.

I'd still like to produce a handout for the audience which requires the following information from each of the six participants:

- a capsule statement describing your current work environment(s)

Also, from the four panel members (but not the two discussants):

- a 50 word position statement on the theme of the discussion, "Is Punishment Necessary?"

Sending or calling this information to me by the 1 Feb 1991 deadline would be appreciated. Thanks!

Stephen Graf, Ph.D.  
Dept. of Psychology  
Youngstown St. U.  
Youngstown, OH 44555-3401

(216) 742-3401 (o)

(216) 757-8341 (h)



DAILY BEHAVIOR CHART (DC-9EN)  
8 CYCLE - 140 DAYS (20 WKS.)  
BEHAVIOR RESEARCH CO.  
BOX 335 KANSAS CITY, KANS. 66103

CALENDAR WEEKS

24 Jr 88  
DAY MO YR

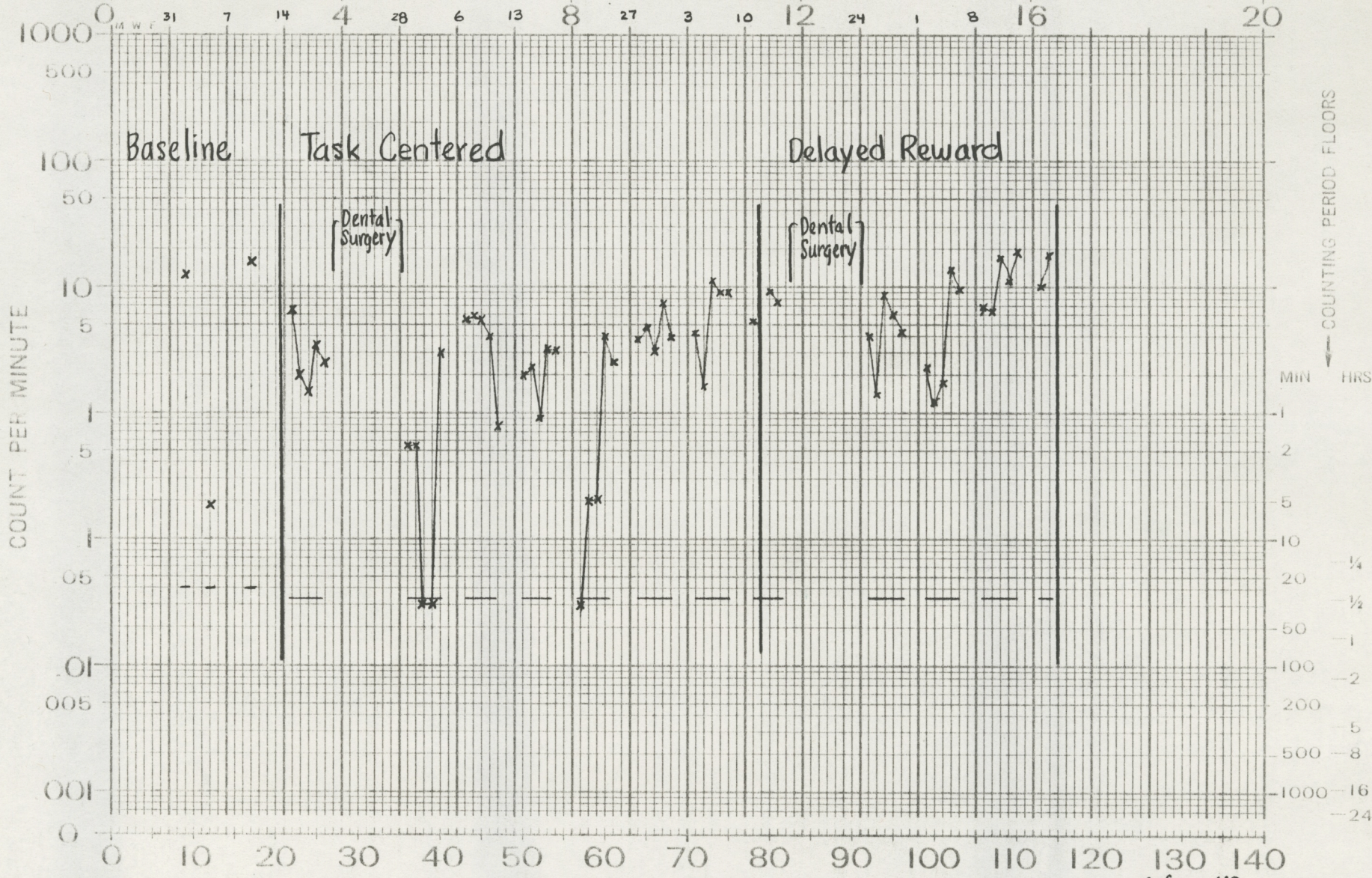
21 Fb 88  
DAY MO YR

20 Mr 88  
DAY MO YR

17 Ap 88  
DAY MO YR

15 My 88  
DAY MO YR

12 Jn 88  
DAY MO YR



SUPERVISOR: Barrera  
ADVISER: Teodoro  
MANAGER: Teodoro  
DETECTOR: Southwestern Regional Centre  
AGENCY: CANADA

SUCCESSIVE CALENDAR DAYS  
In Repp & Singh  
pg. 199-214 (Fig. 1)  
Barrera & Teodoro  
TIMER: Barrera & Teodoro  
COUNTER: Barrera & Teodoro

BEHAVIOR: Richard  
AGE: 33  
CHARTER: SAGraf (29 Mr 91)

Label: Profound MR, Epileptic, Eryth. Fetalis  
COUNTED: Bangs Eat to -  
Shoulder (ESB)  
(SIB)



DAILY BEHAVIOR CHART (DC-9EN)  
 6 CYCLE - 140 DAYS (20 WKS.)  
 BEHAVIOR RESEARCH CO.  
 BOX 3354 KANSAS CITY, KANS. 66103

CALENDAR WEEKS

22 Jr 89  
 DAY MO YR

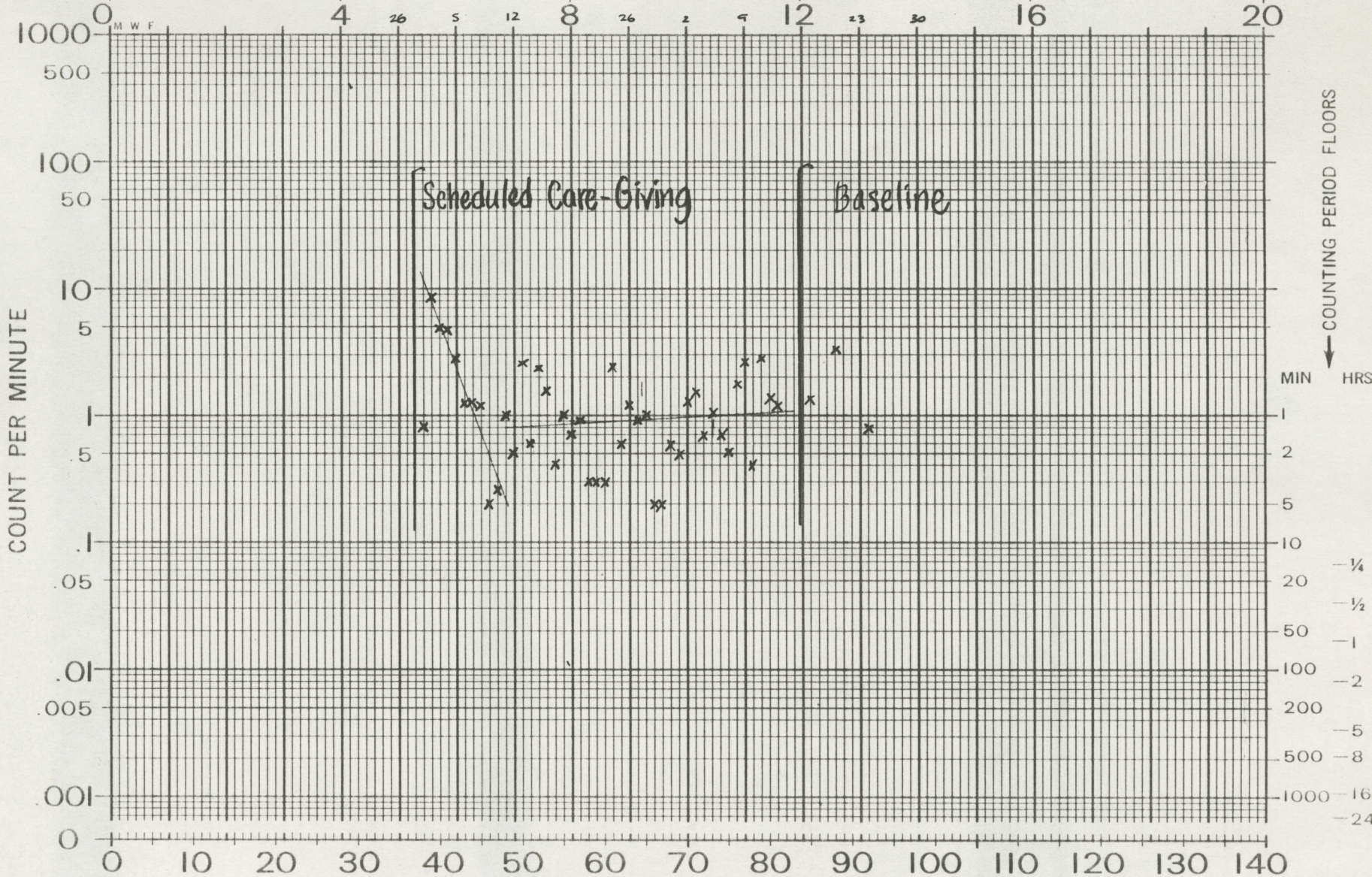
19 Fb 89  
 DAY MO YR

19 Mr 89  
 DAY MO YR

16 Ap 89  
 DAY MO YR

14 My 89  
 DAY MO YR

11 Jn 89  
 DAY MO YR



SUPERVISOR \_\_\_\_\_ ADVISER \_\_\_\_\_ MANAGER \_\_\_\_\_  
 DEPOSITOR \_\_\_\_\_ AGENCY \_\_\_\_\_ TIMER \_\_\_\_\_ COUNTER \_\_\_\_\_  
 Richard BEHAVIOR 33 AGE LABEL  
 SAgraf(11 MY 91) CHARTER  
 Bangs Ear-  
 to-Shoulder (ESB)  
 (SIB)

CALENDAR WEEKS



DAILY BEHAVIOR CHART (DC-9EN)  
 6 CYCLE - 140 DAYS (20 WKS)  
 BEHAVIOR RESEARCH CO  
 BOX 335 - KANSAS CITY, KANS. 66103

22 Jr 89  
 DAY MO YR

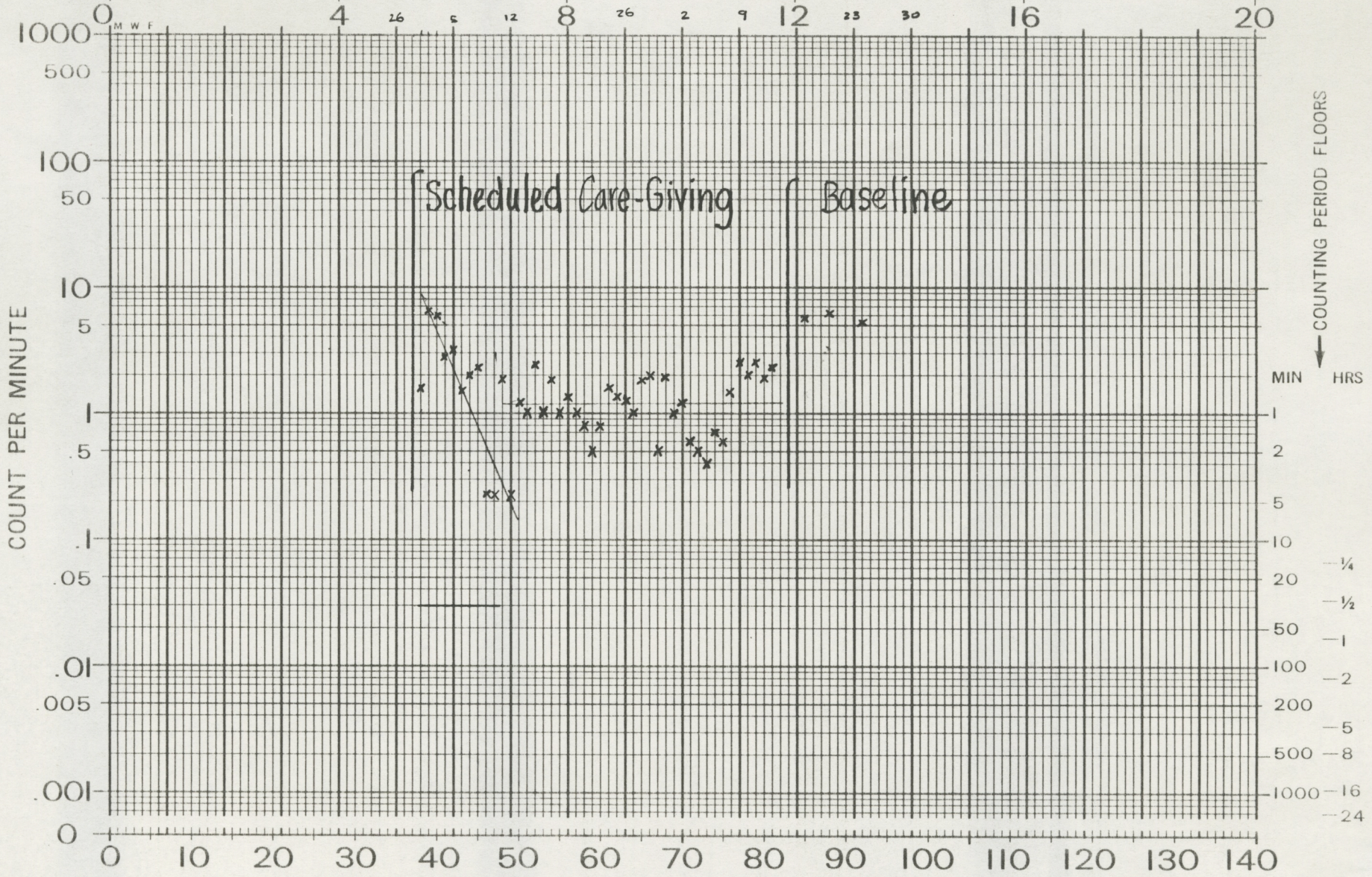
19 Feb 89  
 DAY MO YR

19 Mr 89  
 DAY MO YR

16 Ap 89  
 DAY MO YR

14 My 89  
 DAY MO YR

11 Jun 89  
 DAY MO YR



SUPERVISOR			ADVISER			MANAGER			Richard			33			Bangs Head (HB)		
									BEHAVIOR			AGE			LABEL		
DEPOSITOR			AGENCY			TIMER			COUNTER			SAGraf (2 My 91)			COUNTED (SIB)		
												CHARTER					

Measures	Base	1	2	3	4	5	6	7	8	9	10	11
Head hit (rpm)	0.41	1.86	0.87	0.71	0.79	0.34	0.65	0.77	0.4	0.33	0.29	0.39
Head bang (rpm)	0.07	0.01	0.24	0.2	0.24	0.33	0.17	0.12	0.07	0.06	0.06	0.06
Aggression (rpm)	0.13	0.29	0.14	0.05	0.17	0.13	0.14	0.57	0.08	0.03	0.01	0.07
Tantrum (%)	8	15	12	8	10	11	9	12	7	5	5	6
Off-task (%)	71	21	16	19	19	19	23	29	24	31	37	24
Bedroom (%)	2	7	8	9	7	7	5	8	7	12	14	7
Bathroom (%)	2	6	10	6	10	8	10	10	11	9	11	10
Kitchen (%)	1	9	8	5	5	5	5	6	4	4	3	5
Dining room (%)	14	9	13	13	10	14	13	10	10	15	13	15
Living room (%)	0	17	23	16	28	22	18	10	13	12	12	13
Yard rec. (%)	2	5	0	0	0	8	8	7	9	4	2	8
Yard work (%)	0	20	1	0	0	2	0	1	0	0	0	0
Cleaning (%)	1	1	3	2	2	1	1	1	1	1	0	1
Socializing (%)	2	5	2	1	2	1	0	1	1	0	0	1
In car (%)	0	1	4	10	5	2	4	7	7	5	6	3
In community (%)	0	0	0	2	0	0	0	5	2	0	0	0
Working (%)	0	0	12	13	7	14	14	4	10	6	4	9
Prompts (%)	1	18	5	3	3	2	2	0	0	0	0	1
No demand (%)	95	58	92	96	93	96	98	97	98	98	100	97
Ros. rft. (rpm)	0.07	3.05	1.55	0.75	0.81	1	0.78	0.1	0.2	0.07	0.02	0.14
Neg. attn. (rpm)	0.14	0	0.01	0	0	0	0	0.07	0.04	0.01	0	0.04
Restraint (%)	36	0	0	0	0	0	0	0	0	0	0	0

Should  
be:  
Pos.

24 Jr 88

21 Fb 88

20 Mr 88

17 Ap 88

15 My 88

12 Jn 88

31

7

14

28

6

13

27

3

10

24

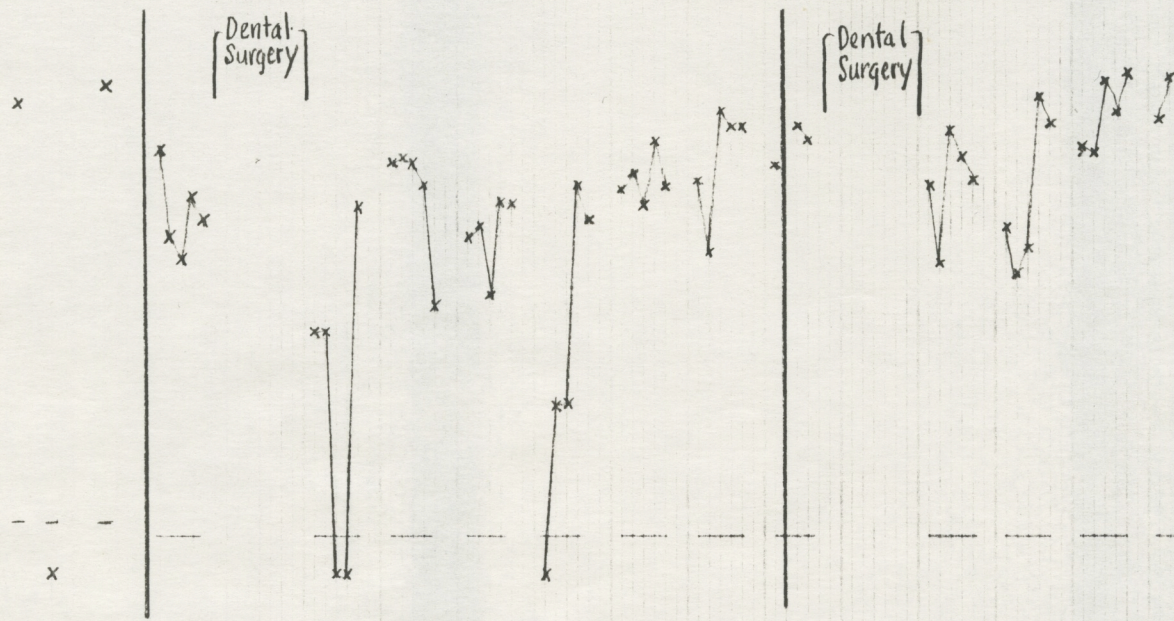
1

8

Baseline

Task Centered

Delayed Reward



Barrera Teodoro  
 Southwestern Regional Centre  
 CANADA

In Repp & Singh  
 pg. 199-214 (Fig. 1)  
 Barrera & Teodoro

Perspectives On...

Barrera Teodoro

Richard

SAGraf (29.11.11)

33

Profound MR  
 Epileptic  
 Eryth. Fetalis

Bangs Fat-to-  
 Shoulder  
 (SIB)

24 Jr 88

21 Fb 88

20 Mr 88

17 Ap 88

15 My 88

12 Jn 88

31

7

14

28

6

13

27

3

10

24

1

8

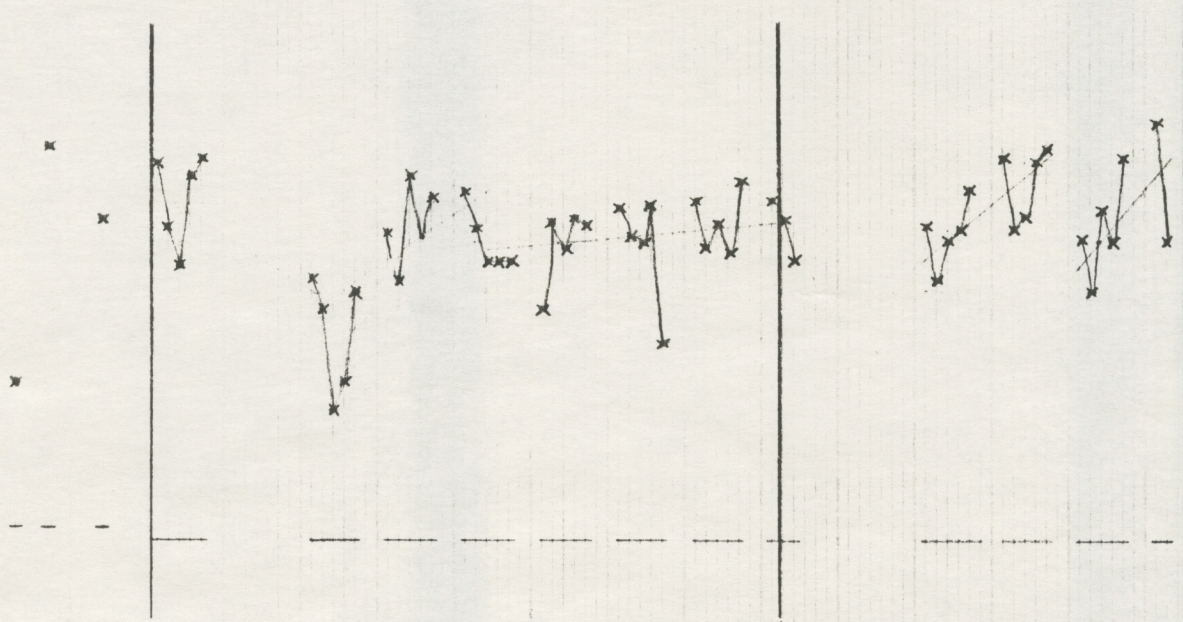
22

29

5

Baseline Task Centered

Delayed Reward



Barrera Teodoro

Southwestern Regional Centre  
CANADA

In REPP & SINGH Perspectives On ...  
Pg. 199-214 (Fig.1)

Barrera & Teodoro Barrera & Teodoro

Richard

33

SA Graf (29 Mr 91)

Profound MR  
Epileptic  
Eryth. Fetalis

Bangs Head

(SIB)

12 Jn 88

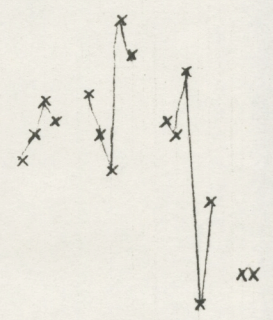
10 JI 88

7 Ag 88

4 Sp 88

3 17 24 31

# Person Valuing



Barrera Teodoro  
 Southwestern Regional Centre  
 CANADA

In Repp & Singh  
 pg. 199-214 (Fig. 1)  
 Barrera & Teodoro

Perspectives on ...  
 Barrera & Teodoro

Richard  
 SAgraf (2 My 91)

34

Profound MR  
 Epileptic  
 Eryth. Fetalis  
 Bangs Ear-  
 -to-Shoulder  
 (SIB)



12 Jun 88

10 Jul 88

7 Aug 88

4 Sep 88

3 17 24 31

# Person Valuing



Barrera Teodoro  
 Southwestern Regional Centre  
 CANADA

In Repp & Singh  
 pg. 199-214 (Fig. 1)  
 Barrera & Teodoro

Perspectives On ...  
 Barrera & Teodoro

Richard  
 SA Graf (2 My 91)

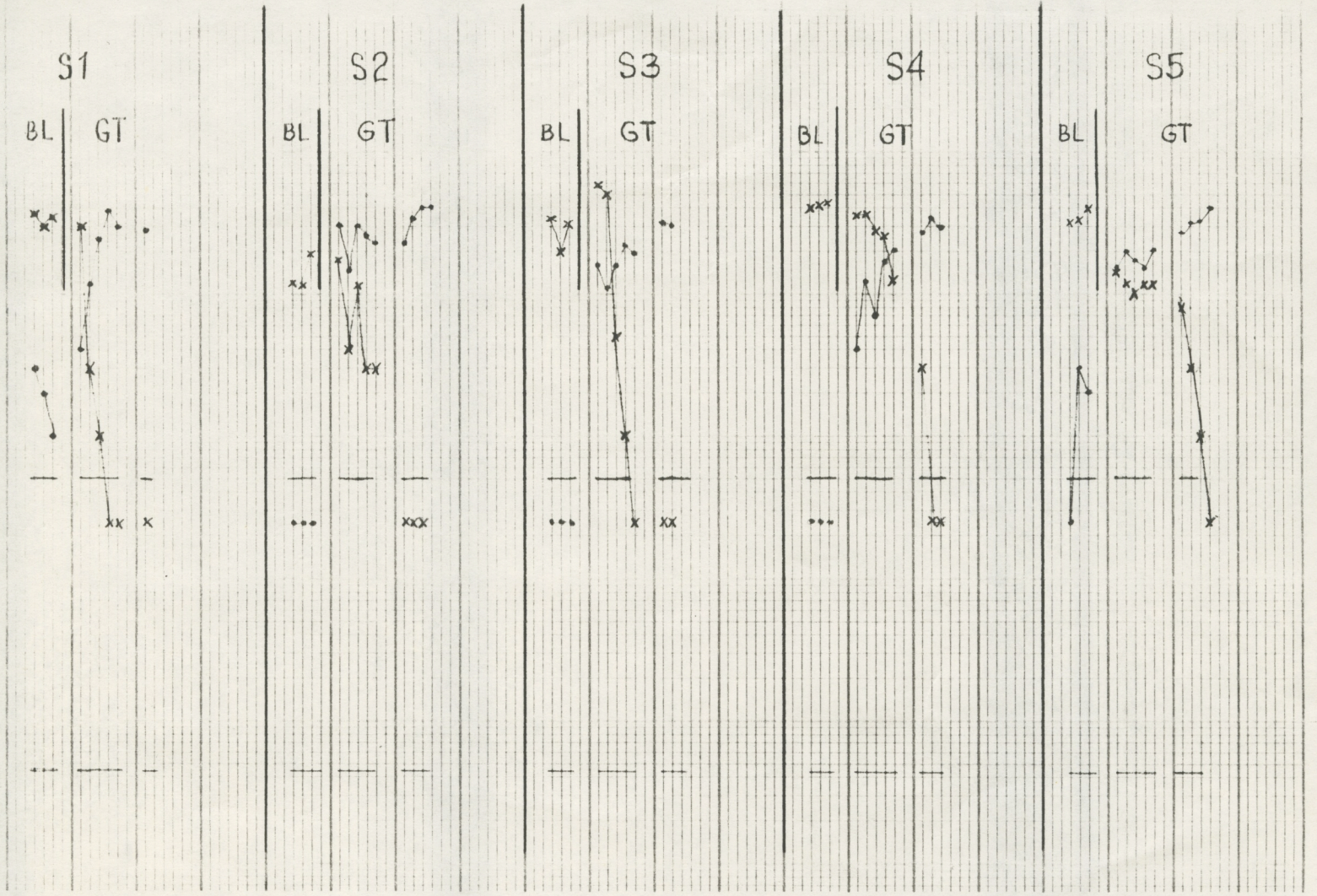
33

Profound MR  
 Epileptic  
 Eryth. Fetalis

Bangs Head  
 (SIB)



Calendar weeks 12, 16, 20



COUNTING PERIOD  
1000  
800  
600  
400  
200  
0

CLOCK TIME 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

DATE OF CALNDAR DATE

S1,S2,S3,S4,S5 ??

MID x  
PD •

28/raf(Ap-May 91)

Maladaptive Interactive Dimension  
Participatory Dimension



DAILY BEHAVIOR CHART (DC-9EN)  
6 CYCLE - 140 DAYS (20 WKS.)  
BEHAVIOR RESEARCH CO.  
BOX 398 KANSAS CITY, KANS. 66103

CALENDAR WEEKS

12 Jn 88  
DAY MO TH

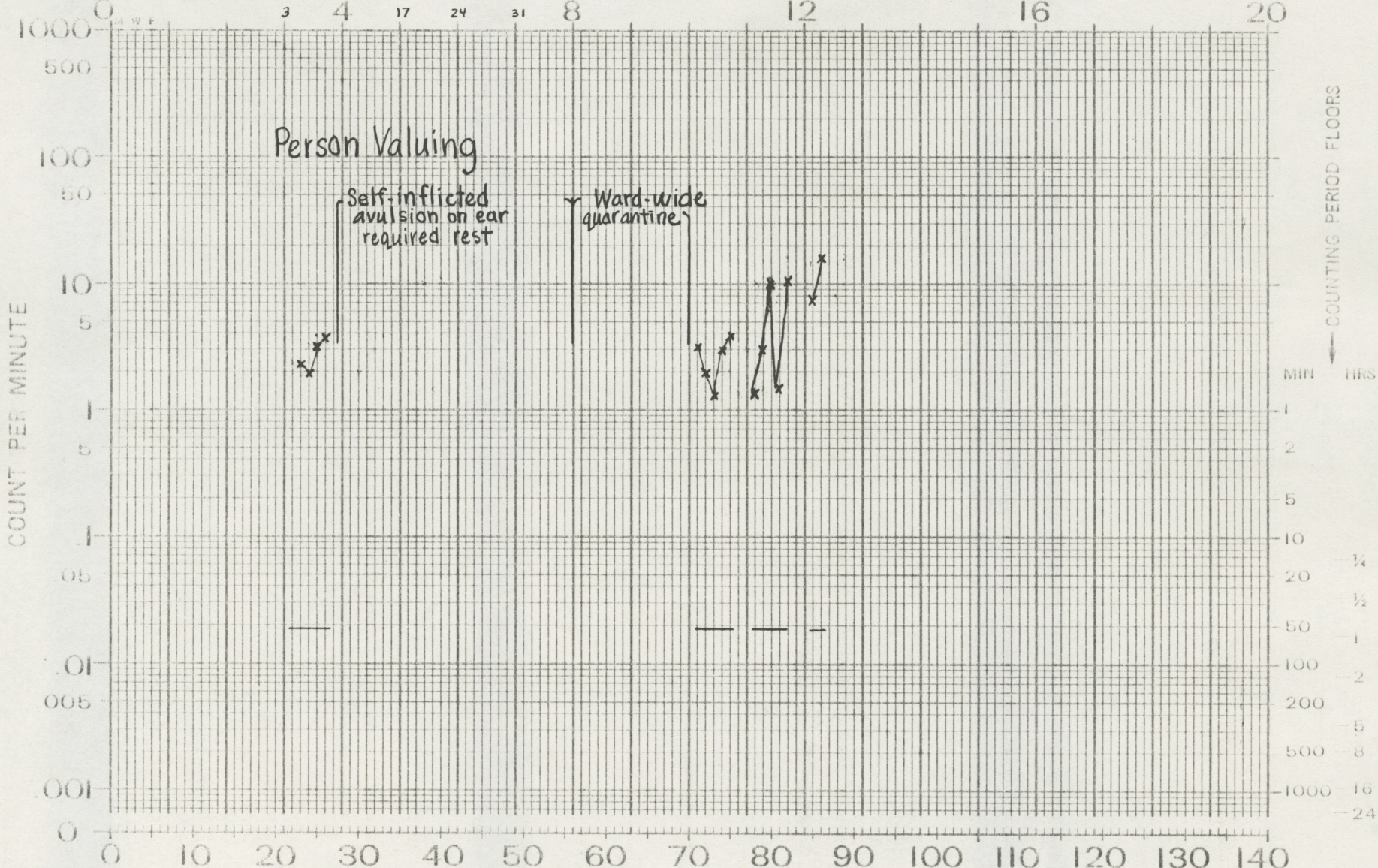
10 JI 88  
DAY MO TH

7 Ag 88  
DAY MO TH

4 Sp 88  
DAY MO TH

DAY MO TH

DAY MO TH



Person Valuing

Self-inflicted avulsion on ear required rest

Ward-wide quarantine

COUNT PER MINUTE

COUNTING PERIOD FLOORS

MIN HRS

Barrera Teodoro  
SUPERVISOR ADVISER MANAGER

Southwestern Regional Centre  
DEPOSITOR AGENCY CANADA

SUCCESSIVE CALENDAR DAYS  
In Repp & Singh  
Pg. 199-214 (Fig. 1)  
Barrera & Teodoro Barrera & Teodoro  
TIMER COUNTER

Richard  
BEHAVIOR CHARTER  
33 AGE  
SAGraf (2 My 91)

33  
Epileptic  
Eryth. Fetalis  
LABEL

Bangs Head(HB)  
COUNTED (SIB)



DAILY BEHAVIOR CHART (DC 3EN)  
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 BEHAVIOR RESEARCH CO.  
 BOX 335 KANSAS CITY, KANS. 66103

CALENDAR WEEKS

12 Jn 88  
 DAY MO TU W TH F

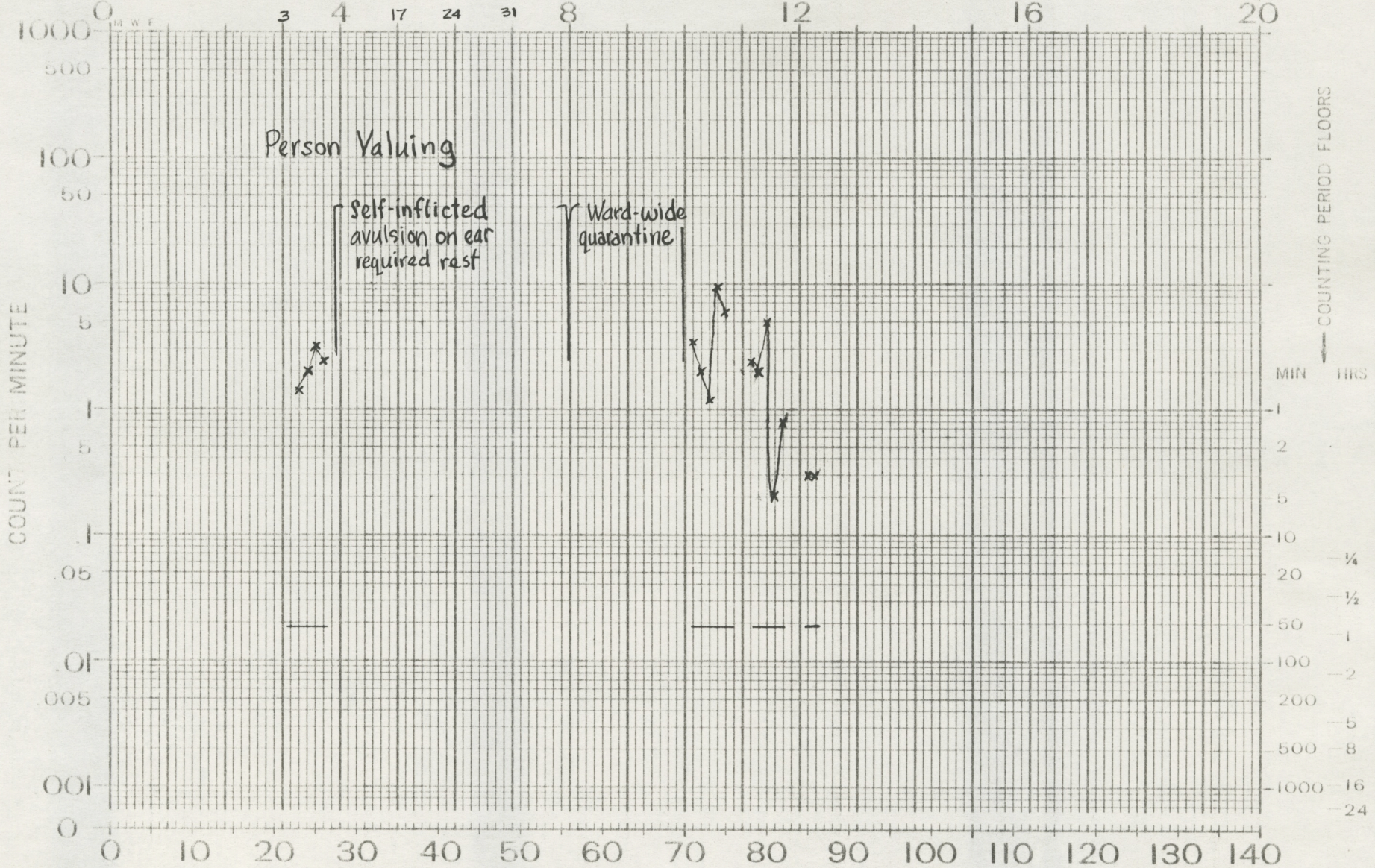
10 JI 88  
 DAY TU W TH F

7 Ag 88  
 DAY TU W TH F

4 Sp 88  
 DAY TU W TH F

DAY TU W TH F

DAY TU W TH F



SUPERVISOR Barrera  
 ADVISER Teodoro  
 DEPOSITOR Southwestern Regional Centre  
 AGENCY CANADA

SUCCESSIVE CALENDAR DAYS  
 In Repp & Singh  
 pg. 199-214 (Fig. 1)  
 Barrera + Teodoro  
 TIMER

Perspectives on ...  
 Barrera + Teodoro  
 COUNTER

Richard  
 BEHAVIOR SAgraf (2 My 91)  
 CHARTER

34  
 AGE  
 Profound MR  
 Epileptic  
 Eryth. Fetalis  
 LABEL

Bangs Ear-  
 to-Shoulder (ESB)  
 COUNTED (SIB)



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CALENDAR WEEKS

24 Jr 88  
 DAY MO TP

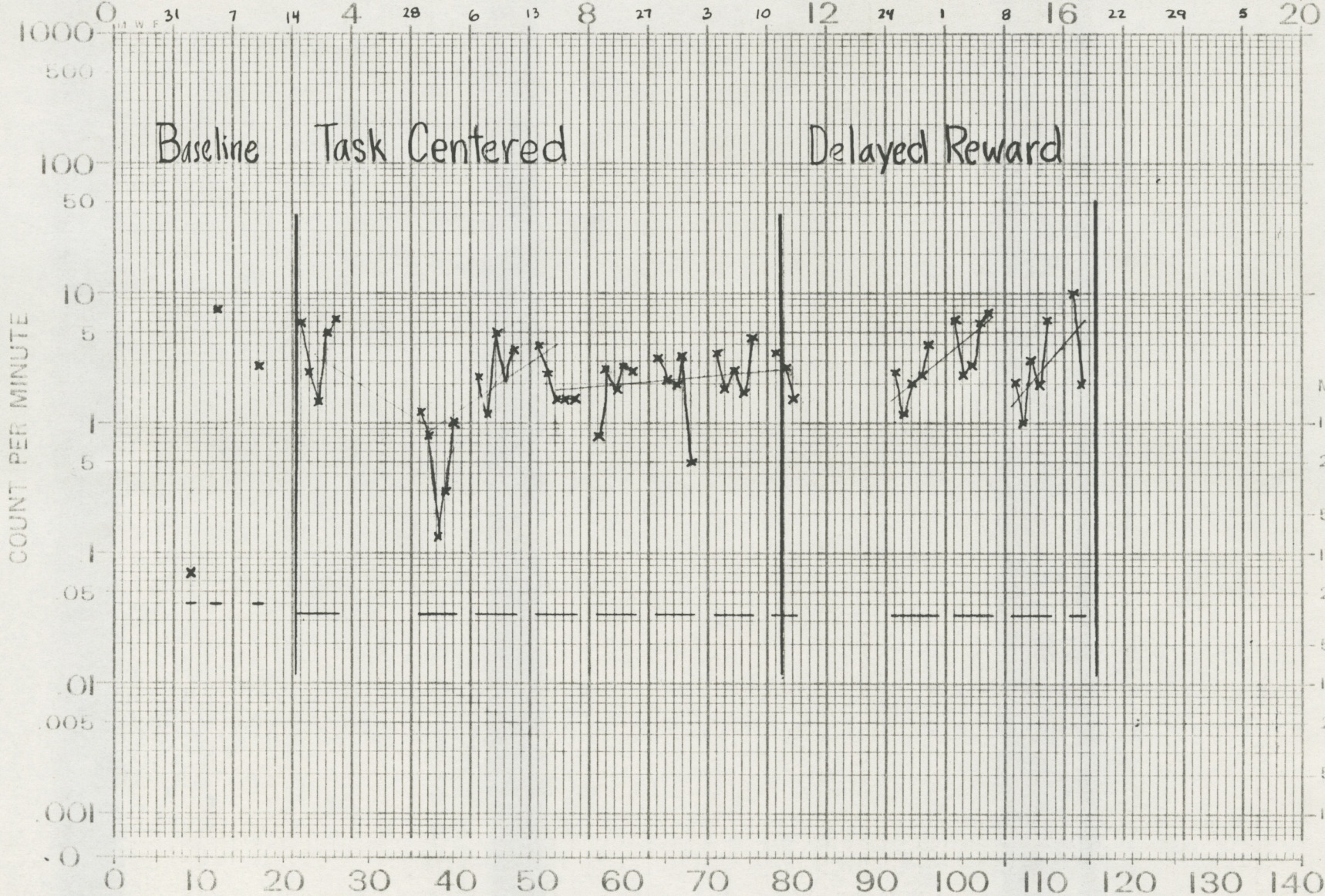
21 Fb 88  
 DAY MO TP

20 Mr 88  
 DAY MO TP

17 Ap 88  
 DAY MO TP

15 My 88  
 DAY MO TP

12 Jn 88  
 DAY MO TP



SUPERVISOR

Barrera  
 ADVISER

Teodoro  
 MANAGER

Southwestern Regional Centre  
 AGENCY CANADA

SUCCESSIVE CALENDAR DAYS  
 In REPP & SINGH Perspectives On ...  
 pg. 199-214 (Fig. 1)

Barrera & Teodoro  
 TIMER

Barrera & Teodoro  
 COUNTER

Richard  
 BEHAVIOR

SA Graf (29 Mr 91)  
 CHARTER

33  
 AGE

Profound MR  
 Epileptic  
 Eryth. Fetalis  
 LABEL

Bangs Head (HB)  
 COUNTED (SIB)

**ASSOCIATION FOR BEHAVIOR ANALYSIS  
258 WOOD HALL, WESTERN MICHIGAN UNIVERSITY  
KALAMAZOO, MI 49008-5052**

February 7, 1991

TO: Convention Participants

FROM: Michele Burnette and Michael Perone, Program Committee Chairs

Congratulations! Your submission(s) for the 1990 Convention of the Association for Behavior Analysis has been scheduled for presentation. The scheduling information for your presentation(s) is

FRIDAY, MAY 24, 1991			
#226	3:15pm-3:50pm	Newton	Address
PRT MTH HST	The three charters: "All data on one chart, one chart for all data". <b>Stephen A. Graf</b> (Youngstown State University-Youngstown, OH), <b>James J. Pollard</b> (New Medico Associates-Malden, MA), <b>John W. Eshleman</b> (Precision Learning Company-Dublin, OH)		

**Please note...**you are the only person in the session receiving the scheduling information and the checklist for program presentations. Contact your co-presenters as soon as possible. If you or your co-presenters are not on the ABA mailing list for the 1991 Convention, please call Sharon Myers (616-387-3394) to receive the special convention edition of *The ABA Newsletter*.

Please call the ABA office (616-387-4495) if you have any questions. We look forward to seeing you in Atlanta!

**ASSOCIATION FOR BEHAVIOR ANALYSIS  
258 WOOD HALL, WESTERN MICHIGAN UNIVERSITY  
KALAMAZOO, MI 49008-5052**

February 7, 1991

TO: Convention Participants

FROM: Michele Burnette and Michael Perone, Program Committee Chairs

Congratulations! Your submission(s) for the 1990 Convention of the Association for Behavior Analysis has been scheduled for presentation. The scheduling information for your presentation(s) is

SATURDAY, MAY 25, 1991			
#437	6:30pm-7:20pm	Strasbourg	Meeting
Open	Standard Celeration Chart Data Sharing. <b>Stephen A. Graf</b> (Youngstown State University-Youngstown, OH), <b>Claudia E. McDade</b> (Jacksonville State University-Jacksonville, AL), <b>James J. Pollard</b> (New Medico Associates/Christian Hill-Lowell, MA)		

***Please note...***you are the only person in the session receiving the scheduling information and the checklist for program presentations. Contact your co-presenters as soon as possible. If you or your co-presenters are not on the ABA mailing list for the 1991 Convention, please call Sharon Myers (616-387-3394) to receive the special convention edition of *The ABA Newsletter*.

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