CLASSIFYING WHAT PSYCHOTHERAPISTS DO: A SECOND STEP

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Abstract

Classifications of psychotherapy procedures have not yet reached unanimous consent, as the wide range of theoretical terms used in the definitions produce linguistic barriers. The CLP project may change this by defining over 100 psychotherapy procedures clearly and operationally in plain language with minimal or no use of theoretical terms. Marks et al. (2012) first tried to lower the barriers by empirically classifying psychotherapy procedures using their features ("domains", Classification "A"). However, observers are not passive recorders and classification involves choices, so observer bias can't be totally excluded, especially if choices are not explicit a priori. We therefore decided that the first two Authors (also members of the Project Task Force) would make a second classification ("B") independently in order to compare Classifications A with B at a second stage.

Method: The same set of procedures as in Marks et al. (2012) was classified independently, but with different assumptions, using a definition of psychotherapy procedure which differentiates its therapeutic goal(s) from its components. The goal was defined as the psychological dimension which the procedure aims to modify (usually stated in the CLP definition), while the components are the steps taken to this end, inferred from the procedure's description and brief case illustration. The goal areas agreed a priori between the two Authors (S. Borgo & L. Sibilia) were chosen according to the main psychological response systems: cognitive, behavioral, emotional (affective) and somatic (sensations). Then the two raters (S.B. & L.S.) allocated independently the goals of each procedure to one of the four goal areas. The concordance rates were computed with a Chi Square analysis.

Results: Concordance was significantly better than chance for all 4 areas, the overall rate of agreement being 78%. 15 components were found in Classification B, which were also independently classified by the two raters; overall 85% of all procedures were classified.

Conclusion: Defining psychotherapy procedures in plain language with operational descriptions led raters to agree fairly well in classifying psychotherapy procedures, and to the identification of less than 20 procedural components in psychotherapies across orientations.

Aims of CLP project

The project for a Common Language for Psychotherapy Procedures (CLP) aimed to create a universally agreed lexicon of psychotherapy procedures (Marks, Sibilia & Borgo, 2010). It made several assumptions. First, it assumed that it is legitimate and possible to define psychotherapy procedures (what therapists do) independent of the patient-therapist relationship if clear operational definitions are used. Second, it assumed that we can define procedures in plain language, shorn of theory, which, in turn, confers advantages: a) reliable reproduction for teaching and research; b) understanding by people with average education; and c) a classification of procedures independent of theories.

The lexicon, in the same way as in many other disciplines (Marks & al. 2012) can reduce confusion among experts and so foster the development of psychotherapy into a science. It can also improve the understanding of psychotherapy by patients and others. The CLP Project began in the early 2000s. Many procedures have already been defined (80 by 2010, 100 by Aug. 29, 2014) across a wide range of approaches. This allows us to try to classify psychotherapy procedures.

Towards a classification of psychotherapy procedures

The need for a classification of psychotherapy procedures was underlined by Marks & al. (2012). Regarding the benefits of a classification, Gould (1989) noted:

"Taxonomy (the science of classification) is often undervalued as a glorified form of filing—with each species in its prescribed place in an album; but taxonomy is a fundamental and dynamic science, dedicated to exploring the causes of relationships and similarities ... Classifications are theories about the basis of natural order, not dull catalogues compiled only to avoid chaos."

Any classification tries to achieve at least one of two scientific goals:

- 1) reduce a great variety of objects or events to a limited more manageable number of options; this usually means finding homogeneous areas to which objects pertain, to allow generalisations about them;
- 2) find a hidden order underlying the variety of objects, or find factors able to explain the variety of objects.

Marks et al. (2012) first tried to empirically classify psychotherapy procedures via their features ("domains", Classification "A"). While Marks & al. (2012) had inspected the features of each procedure from its definition and its case illustration and consensually assigned it to one or more of 16 "domains", which were found and labelled, the authors now decided instead to adopt a top-down approach. Rather than let the order arise from the data (a bottom-up empirical approach), this 2nd approach was deductive (rational), as it: a) stems from the definition of "psychotherapy procedure" given below, which differentiates goals from components, and b) defines a limited number of goal categories.

Finding order in the large array of procedures used in psychotherapy motivated our endeavour to advance understanding of the processes of personal change.

Addressing the problem of the observers

As the CLP Project defines procedures in a common operational format without theoretical terms, and illustrates their use by brief clinical examples, it seems likely that the theoretical orientation of the author of each entry should not bias any attempt at classi-

fication. However, the theoretical orientation of classifiers might bias the classification. Observing similarities and differences among objects is not a neutral behavior. A "confirmatory bias" could always be present, as the work of observing requires some abstraction, based on the observer's assumptions, mental categories or constructs, and choices of which features are appraised more and which less.

The current attempt at classification

To reduce this problem, a different classification from the one by Marks & al. (2012) was developed independently by two members of the CLP Task Force (S. Borgo & L. Sibilia) who did not participate in the 1st attempt. Here we describe the 2nd of the 2 attempts at classification, based on the online definitions of the same 80 procedures published in 2010 on the CLP website: www.commonlanguagepsychotherapy.org.

The 2 authors of the 2nd attempt (Classification B) observed that many psychotherapy procedures share common goals independent of how those goals are pursued, and that those goals are generally stated in the definition of almost every procedure.

This observation prompted an inquiry into the definitions available of the activity of psychotherapy itself. Though there is no single universally agreed definition of psychotherapy, the authors gathered from inspection of the definitions in the CLP and by many other Authors of this wide field, that psychotherapy can be conceived as:

"An interpersonal activity that aims to produce a desirable change in a patient's psychologically relevant dimension by steps followed in a definite order."

Any psychotherapy procedure should thus feature a goal (a desirable change in a psychologically relevant dimension of patients) as distinguished from its components (series of steps followed in a definite order), which allow therapists and patients to attain the goal.

Method

Any classification assumes that certain features of the objects being classified are more important than other features, so preliminary choices were made in an effort to make those choices explicit and stick to them. Two studies were then performed, as follows:

Study 1 - Procedures' goals

Based on the above distinction between a procedure's goals and its components, the main dimensions which any psychotherapy procedure aims to change (goal areas) are first agreed, after which one can classify the procedure.

The main areas which were 1st seen as possible goals of all psychotherapy procedures were the response systems around which psychological knowledge is usually organised: Cognitive, Behavioural, and Emotional-Affective, plus Bodily Sensations. Definitions appear in TABLE 1.

TABLE 1 - 4 agreed areas of procedures' goals:

- 1. Behavioral: any observable behaviors, including verbal behavior
- 2. *Cognitive*: cognitive contents (e.g. beliefs, attitudes) and processes (e.g. attentional focus)
- 2. Emotional (Affective): any emotional (affective) response or state.
- 3. Bodily sensations: any physical sensation.

The data-base used for classification comprised 79 procedures from the 81 described in Marks, Sibilia & Borgo (2010). The two Authors (S.B. & L.S.) agreed that two of the 81 CLP entries published don't fit the above definition of psychotherapy procedure: "EMPATHY DOTS, USE OF", and "INTERNET-BASED THERAPY". In the former (entry no.19) no goals were specified for the patient, only for the therapist, while in the latter (no.38) the entry describes not a procedure but a communication channel (e.g.: internet-based therapy).

S.B. & L.S. decided to evolve a 1st level of classification based on these 4 goal areas of procedures. The two authors then allocated, independent of each other, the above 79 procedures to one or more of the four goal areas.

Results of Study 1

In Table II (APPENDIX) the whole list of procedures is allocated in each goal area. Results of Chi Sq. tests of significance of concordant allocations are in Tab.2. 85% (67) of the procedures were classified concordantly by the two raters into one of the four goal areas; only 15% (12) of the ratings were discordant. Overall agreement was 78% and significant (Chi square: 67.5; p<0.0000001).

Tab. 2 - Allocation o	ab. 2 - Allocation of procedures goals in each area (1: First Author, 2: Second Author):									
Areas:	yes1/yes2	no1/no2	no1/yes2	yes1/no2	Agreement	Chi	p <			
Any area	a	d	b	С	(a+d)/(a+b+c+d)					
Behavioral	24	34	10	11	73.4%	14.89	.0002			
Cognitive	33	25	11	10	73.4%	16.2	.00006			
Emotive-affective	12	45	4	18	72.2%	9.79	.002			
Bodily sensations	2	70	1	6	91.1%	5.45	.02			
All	71	174	26	45	77.5%	67.51	.0000001			

Study 2 - Components

As noted above, after this primary study, for a secondary classification S.B. & L.S. identified the components - the steps (operations) used by therapists as described in each entry in both its "Elements" and in its "Case Illustration". The questions addressed in this study were:

- · Can we identify basic independent components of the psychotherapy procedures?
- · Does each component aim to change one or more specific goals?

Careful analysis of the 79 CLP procedures led to joint agreement on the following 15 components (Tab.3): AF = Attention Focusing; BP = Behavioral Prescription; CM = Contingency Management; CR = Cognitive Restructuring; EM = Empathy; ER = Emotional Regulation; ES = Emotional Expression and Support; EX = Exposure; IT = Imagery Techniques; MO = Motivational Techniques; PS = Problem Solving; RP = Role Playing; RX = Relaxation; SC = Self Control; SS = Social Skills Training.

S.B. & L.S. then tried to allocate each component to one of the above goal areas, based on its content. This was not completely possible, as most (11/15) were judged as fitting one of the four pre-agreed areas (Tab.1), but 4/15 needed two new intermediate areas: Cognitive-Behavioral and Emotional-Behavioural. Definitions of the 15 components appear in Tab.3, together with the areas to which they were thought to pertain. As Tab.3 shows, the names of the steps (operations) were chosen to follow as closely as possible those in the research literature.

Tab.3 - The 15 jointly identified components, goal areas, codes, names and definitions.													
1	AF	Attentio	on focusing	Focusing attention on external or internal stimuli (including unreported cognitions)									
2	IT	Imagery	techniques	Use of mental images									
3	CR	Cognitiv	e restructuring	Awareness raising, belief identification, rational debate, reality testing, belief reformulation, re-attribution, relabelling, re-phrasing									
4	PS	Problem	solving	Goal setting, brain storming (divergent thinking), decision making, self appraisal, generalisation									
5	МО	Motivati	ional techniques	Motivational matrix, imagery, decision making									
6	SC	Self con	trol	Goal setting, discriminant training, self-observation, self-appraisal, self-talk, self-reinforcement, homework									
7	SS	Social skill training		Modelling, rehearsal, home practice									
8	CM	Contingency management		Prompting, differential reinforcement and punishment									
9	ВР	Behavio	ural prescription	Suggestions/requests to perform specific behaviours (including verbal behaviours)									
10	RP	P Role playing		Modelling, rehearsal									
11	EX	Exposure	e	Prescriptions to face an avoided stimulus or stimulus complex, and cope with the resultant feelings and sensations									
12	EM	Empathy	у	Providing empathic behaviour									
13	ES	Emotion	al support	Providing emotional support									
14	ER	Emotion	regulation	Awareness raising, self-observation (AF on emotional stimuli and/or responses), BP, modelling, rehearsal									
15	RX	Relaxati	ion	Prescriptions of specific exercises to induce relaxation, home practice									
Leg	end:												
C	Cognitive Cognitive- behavioural			Behavioural	Emotional- Behavioural	Emotional- affective	Bodily sensations						

The frequencies of components detected in the 79 procedures were computed and ranked (TABLE 4). There is a wide variation in the frequency of psychotherapy components in the data set, ranging from 28/79 (35%) for Cognitive Restructuring (CR) to 3/79 (4%) for Emotional Support (ES). The four most-used components CR, AF, EX, and SC appear in two-thirds (67%) of all the procedures considered.

The allocation of all components in the 79 procedures appears in the APPENDIX (Table I), which groups the procedures from the most to the least frequent components.

Tab.4 - Frequencies of components identified in the 79 procedures.

- 28 CR Cognitive restructuring
- 16 AF Attention focusing
- 15 EX Exposure
- 12 IT Imagery techniques
- 12 SC Self control
- 10 CM Contingency management
 - 9 RP Role playing
- 8 PS Problem solving
- 8 SS Social skill training
- 7 EM Empathy
- 6 ER Emotion regulation
- 5 RX Relaxation
- 4 MT Motivational techniques
- 3 BP Behavioural prescription
- 3 ES Emotional support

As the components are less numerous than the procedures, they co-occur frequently in many procedures. A map of their co-occurrence is in the APPENDIX, TABLE III.

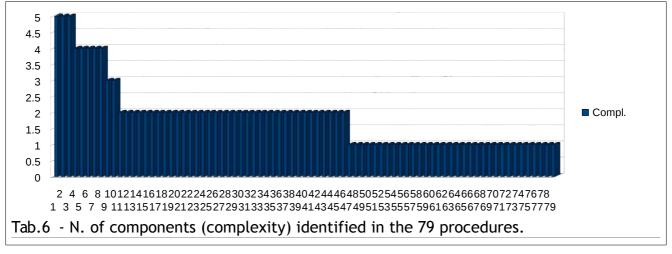
Moreover, as the co-occurrence of two components in procedures more often than by chance may cast doubts about their independence of each other, inter-correlations were computed among the 15 components on all procedures, based on presence/absence of each component. The C Sq. test of frequencies was calculated. Results are in Tab.5.

Significant co-occurrence of components in procedures, computed to test their individuality, yielded a great majority of chance associations; Tab.5 shows that the great majority of components are present jointly in the procedures with only chance probability: only 7 of 105 components associated significantly, a rate very close to the limits of normal sample variance.

Tab.5 - Significance of co-occurrence of components in procedures (values of p of X Sq.). Significant values in bold italics.

```
ΑF
2
     IT
         0,77
3
    CR
         0,15 0,92
    PS
         0,59 0,21 0,33
4
         0,31 0,56 0,14 0,50
    MO
5
    SC
         0,06 0,12 0,45 0,21
                               0,39
6
         0,59 0,21 0,55 0,79
7
    SS
                               0,50 0,39
    CM
         0,09 0,16 0,08 0,99 0,44 0,65 0,99
8
9
    BP
         0,00 0,01 1,00 0,17 0,69 0,46
                                          0,56
                                               0,51
              0,18 0,41 0,19 0,47 0,74
    RP
                                          0,29
                                               0,90 0,53
10
                              0,33 0,86
         0,46
              0,03 0,19 0,16
                                          0,64
                                               0,90
                                                    0.03
                                                          0,13
11
    EX
         0,54 0,25 0,24 0,36 0,56 0,25
                                          0,36 0,30 0,59
12
    ΕM
                                                          0.78
                                                               0.19
13
    ES
         0,38
              0,46
                    0,20 0,17
                               0,69
                                    0,36
                                          0,56
                                               0,26
                                                     0,73
                                                          0,00
                                                               0,40
              0,29
                    0,41 0,56
                               0,53
                                    0,89
                                          0,05
                                               0,34
                                                     0,08
                                                          0,65
                                                               0,33 0,47 0,08
14
    ER
         0,39
              0,34 0,79 0,43
                               0,60
                                    0,10 0,43
                                               0,59
                                                          0,51
    RX
         0,25
                                                     0,65
                                                                0,20
                                                                     0,48
                                                                          0,05 0,27
15
          AF
               IT
                    CR
                          PS
                               MO
                                     SC
                                           SS
                                                CM
                                                     BP
                                                           RP
                                                                EX
                                                                      ΕM
                                                                           ES
                                                                                 ER
                                                                                      RX
                2
                                5
          1
                     3
                           4
                                      6
                                           7
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```

Procedures also show notable variation in their number of components, reflecting their complexity. Procedures were also ranked for complexity; the result appears in Tab.6. This shows that most procedures (46, [58%]) had more than one component, 36 (45%) had 2 components, 10 (13%) more than two components, and 8 (9%) more than 3, while only 3 procedures (4%) had five components: *Dialectical Behavior Therapy* (DBT), *Wellbeing Therapy*, and *Promoting Resilience in Young Children*.



In the APPENDIX, based on their components, all procedures were grouped in "families" (Table IV), and TABLE V shows the largest sets of procedures with at least two

components.

Results of Study 2

15 components were jointly detected, <u>as steps functional to attain changes</u> in the four psychological areas found in the previous study, with two more goal areas (Cognitive-Behavioral and Emotional-Behavioral) needed to accommodate four components. With few exceptions (*Behavioral Prescription* and *Exposure*), almost all components did not co-occur significantly in the procedures, which is indirect confirmation of their independence.

From 1 to 5 of these components are present in all the 79 psychotherapy procedures considered. 67% of the procedures contained the first 4 most frequent components (Cognitive Restructuring, Attention Focusing, Exposure, Self-Control). Adding two more components (Imagery Techniques and Contingency Management) led to 80% of all the procedures being covered.

Conclusions

The approach used in the above two studies seems applicable to all psychotherapy procedures. It just separates the goal(s) of any psychotherapy procedure from its specific operation, whatever the goals might be. The above studies bolster the idea that most psychotherapy procedures use a limited number (15) of independent components, and that each component involves a variable pertaining to 1-2 of four psychological areas which we call goal areas (Cognitive, Behavioural, Emotional-Affective and Somatic Sensations). Here too, though there might be some arbitrariness in these categories, they stem from generally-agreed views of response systems (motor, cognitive, autonomic). Moreover, the components identified are independent as they co-occur in the same procedures no more often than one would expect by chance.

The psychotherapy procedures we considered have various levels of complexity, as their numbers of components are distributed unevenly across procedures: a minority (42%) have just one component, and most (58%) have up to five components, examples being Dialectical Behaviour Therapy (DBT), Well-being Therapy, and Promoting Resilience in Young Children. Classifying procedures by their components does reduce some of the complexities involved by classification, though it loses some information. However, as Gould (1985) noted:

"We often think, naively, that missing data are the primary impediments to intellectual progress - just find the right facts and all problems will dissipate. But barriers are often deeper and more abstract in thought. We must have access to the right metaphor, not only the requisite information. Revolutionary thinkers are not, primarily, gatherers of facts, but weavers of new intellectual structures." (Essay 9).

Perfect order is unlikely to arise from the data for a long time to come, but work continues to that end.

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APPENDIX

TABLE I. List of procedures

All procedures in CLP at 2010 (Non procedures in italics)

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1)ACCEPTANCE, PROMOTING OF
2)ANGER MANAGEMENT
3)APPLIED RELAXATION
4) ASSERTIVENESS (ASSERTIVE, ASSERTION) TRAINING
5)ATTENTION TRAINING (AT)
6)BECOMING THE OTHER
7) BEHAVIORAL ACTIVATION
8) COGNITIVE DEFUSION
9)COGNITIVE RESTRUCTURING
10)COMMUNITY REINFORCEMENT APPROACH (CRA)
11)COMPASSION-FOCUSED THERAPY
12)COMPUTER-AIDED VICARIOUS EXPOSURE (CAVE)
13) COPING CAT TREATMENT
14)COUNTERTRANSFERENCE, USE OF
15) DANGER IDEATION REDUCTION THERAPY (DIRT)
16) DECISIONAL BALANCE
17) DIALECTICAL BEHAVIOUR THERAPY (DBT)
18) DREAM INTERPRETATION
19) EMPATHY DOTS, USE OF
20) EVOKED RESPONSE AROUSAL PLUS SENSITIZATION
21)EXPERIMENT
22) EXPOSURE, INTEROCEPTIVE (TO INTERNAL CUES)
23) EXPOSURE, LIVE (IN-VIVO, LIVE DESENSITIZATION)
24) EXPRESSED EMPATHY
25) EXPRESSIVE WRITING THERAPY
26) FAMILY FOCUSSED GRIEF THERAPY
27) FAMILY WORK FOR SCHIZOPHRENIA
28) FIXED-ROLE THERAPY
29) FREE ASSOCIATION
30) GUIDED MOURNING
31)HABIT REVERSAL
32)HARM REDUCTION
33) IMAGERY REHEARSAL THERAPY OF NIGHTMARES
34) IMAGERY RESCRIPTING THERAPY
35) IMAGO RELATIONSHIP THERAPY
36)INFLATED RESPONSIBILITY, REDUCING
37)INTERNALIZED-OTHER INTERVIEWING
38)INTERNET-BASED THERAPY
39)INTERPERSONAL PSYCHOTHERAPY (IPT)
40)INTERPRETING DEFENSES AGAINST UNPLEASANT FEELINGS
41)LIFE-REVIEW (REMINISCENCE) THERAPY
42) LINKING CURRENT, PAST AND TRANSFERENCE RELATIONSHIPS
43)MENTALIZING, PROMOTION OF
44)METACOGNITIVE THERAPY (MCT)
45)METAPHOR, USE OF
46)METHOD OF LEVELS (MOL)
47)MINDFULNESS TRAINING
48)MORITA THERAPY
49)MOTIVATIONAL ENHANCEMENT THERAPY (MET)
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50)MOTIVATIONAL INTERVIEWING (MI)

51)NARRATIVE EXPOSURE

52) NIDOTHERAPY

53)PROBLEM-SOLVING THERAPY (PST)

54)PROLONGED EXPOSURE COUNTERCONDITIONING

55)PROLONGED-GRIEF THERAPY

56) PROMOTING RESILIENCE IN YOUNG CHILDREN

57) PUPPET PLAY PREPARING CHILDREN FOR SURGERY

58) RECIPROCAL ROLE PROCEDURES, DESCRIBING & CHANGING

59) REPAIRING RUPTURE

60) REPERTORY GRID TECHNIQUE

61) RITUAL (RESPONSE) PREVENTION

62) SCHEMA FOCUSSED EMOTIVE BEHAVIOR THERAPY (SET)

63) SELF AS CONTEXT

64) SELF-CONTROL SKILLS TRAINING

65)SELF-PRAISE TRAINING

66) SIBLING FIGHTING-REDUCTION TRAINING

67) SKILLS-DIRECTED THERAPY (SDT)

68)SOCRATIC QUESTIONING

69) SOLUTION-FOCUSED QUESTIONING / BRIEF THERAPY

70)SPEECH RESTRUCTURING

71)STIMULUS CONTROL OF WORRY

72)TASK CONCENTRATION TRAINING (TCT)

73)TIME-BOUNDARY SETTING AND INTERPRETING

74)TIME-IN MANAGEMENT

75)TOKEN ECONOMY

76)TRANSFERENCE INTERPRETATION

77))TRIPLE P - POSITIIVE PARENTIING PROGRAM

78)TWO-CHAIR TECHNIQUE

79) VALIDATION OF FEELINGS

80) VALUES EXPLORATION AND CONSTRUCTION

81) WELL-BEING THERAPY (WBT)

TABLE II - Procedures allocated in each goal area. N. is computed only on the basis of concordant allocations (black):

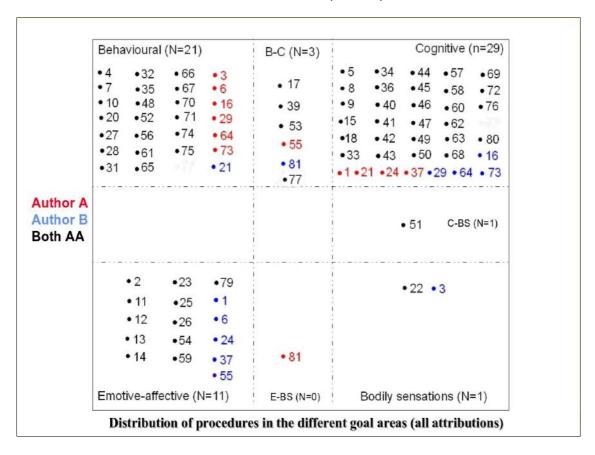


TABLE III - N. of co-occurrence of the components:

	AF	CR	IT	PS	MO	SC	SS	CM	BP	RP	EX	ER	EM	ES	RX	
AF	16															Attention focusing
CR	8	28														Cognitive restructuring
IT	2	4	12													Imagery techniques
PS	1	4	0	8												Problem solving
МО	0	0	1	0	4											Motivational techniques
SC	0	3	0	0	0	12										Self control
SS	2	2	0	1	0	2	8									Social skill training
СМ	0	1	0	1	0	1	1	10								Contingency managemen
ВР	3	1	2	1	0	0	0	0	3							Behavioural prescription
RP	1	2	0	2	0	2	0	1	0	9						Role playing
EX	4	3	5	1	0	2	1	2	2	0	15					Exposure
ER	2	3	0	1	0	1	2	0	1	1	2	6				Emotion regulation
EM	2	1	0	0	0	0	0	0	0	1	0	1	7			Empathy
ES	0	0	0	1	0	1	0	1	0	2	0	1	0	3		Emotional support
RX	0	2	0	1	0	2	1	1	0	1	2	1	0	1	5	Relaxation

TABLE IV - Families of procedures by components:

CR Cognitive restructuring 2 MIGGER MANAGERN INT 9 COGNITIVE RESTRUCTURING 13 COPING CAT TREATMENT 15 DANGER DIADTON REDUCTION THERAPY 17 DIALECTICAL BEHAVIOUR THERAPY 17 DIALECTICAL BEHAVIOUR THERAPY 18 DERGAM INTERPRETATION 18 INFLORE RESPONSIBILITY, REDUCHING 18 INFLORE RESPONSIBILITY, REDUCHING 18 INFLORE RESPONSIBILITY, REDUCHING 18 INFLORE THE DETENSIS AGAINST UNPLEASANT FEELINGS 19 INSTRUCTION DETENSIS AGAINST UNPLEASANT FEELINGS 19 INSTRUCTION, PROMOTION OF 18 METAPHOR, PROMOTION OF 18 METAPHOR, PROMOTION OF 18 METAPHOR, PROMOTION OF 18 METAPHOR, SPECIFICAL PROFESSION 18 METAPHOR OF SERVICE PROFESSION 19 SOLUTION OF SIDE OF SERVICE PROFESSION 19 SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION SUSPECIAL PROFESSION 19 THAN SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 12 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 13 TIME SOLUTION OF USED QUESTIONING (I BREEF THERAPY 14 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 15 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 16 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 17 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 18 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 19 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 19 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 19 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 19 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 20 THE SOLUTION OF USED QUESTIONING (I BREEF THERAPY 21 THE SOLUTION OF USED QUESTIONING (I BREEF THER AF Attention focusing EX 17 DIALECTICAL BEHAVIOUR THERAPY 1 ACCEPTANCE, PROMOTING OF 29 FREE ASSOCIATION 13 COPING CAT TREATMENT 13 COPING CAT TREATMENT 13 COPING CAT TREATMENT 15 REPREMENT 15 REPREMENT 16 REPREMENT 16 REPREMENT 16 REPREMENT 17 BEHAVIORAL ACTIVATION 17 BEHAVIORAL ACTIVATION 18 EXPRESSIVE MITTHOCTEPT (TO INTERNAL CUES) 19 EXPOSOURE, LIVE (IN-VIVO, LIVE DESENSITIZATION) 19 EXPRESSIVE WRITING THERAPY 10 GUIDED MOURNING 15 MORITA THERAPY 15 IN ARRATIVE EXPOSURE 15 THERAPY 16 REPREMENTED COUNTERCONDITIONING 16 BITUAL (RESPONSE) PREVENTION CR Cognitive restructuring AF Attention focusing 19 DANGER IDEATION REDUCTION THERAPY 17 DIALECTELAL BEHAVIOUR THERAPY 43 MENTALIZING, PROMOTION OF 45 METHOD LEVILS 62 SCHEAN FOCUSSED ENOTIVE BEHAVIOR THERAPY 72 TASK CONCENTRATION TEAMING 61 WELL-BEING THERAPY 74 TASK CONCENTRATION TEAMING 65 ATTENTION TRAINING 65 COGNITYE DEPTISION 14 COUNTERTRANSFERENCE, USE OF 14 DIRECTES DEMOTING 15 DIRECTES DEMOTING 16 SCHEANS SCHEAN 16 SCHEANS TEAMING 16 SELF AS CONTEXT PT 9 FREE ASSOCIATION 47 MINDFULNESS TRAINING 47 MINDFULNESS TRAINING 47 MINDFULNESS TRAINING 48 MINDFULNESS TRAINING 51 MARKATIVE EXPOSURE 48 PROLINGES EXPOSURE COUNTERCONDITIONING 18 DREAM INTERPRETATION 48 MAGERY RESCRIPTING THERAPY 49 METAPHOR, USE OF 67 TRAINSFERENCE INTERPRETATION 12 COMPUTER-AIDED VICARIOUS EXPOSURE 13 MAGERY REHEASSAL THERAPY OF MIGHTMARES 80 WILLIES EXPLORATION AND CONSTRUCTION RP S PROMOTING RESILIENCE IN YOUNG CHILDREN 39 INTERPERSONAL PSYCHOTHERAPY 42 SCHEMA FOCUSSED EMDITYE BEHAVIOR THERAPY 58 RELIPROCAL ROLE PROCEDURES, DESCRIBING & CHANGING 6 BECONING THE OTHER 55 PROLONGED—THERAPY 55 PROLONGED—THERAPY 75 TYPUPPET PLAY PREPARING CHILDREN FOR SURGERY 78 TWO-CHAIR TECHNIQUE CM 7 BEHAVIORAL ACTIVATION 46 MORITATHERAPY 73 TIME-BOUNDARY SETTING AND INTERPRETING 20 EVOKER BESONSE AROUSAL PLUS SENSITIZATION 27 FAMILY WORK FOR SCHIZOPHRENIA 52 NIDOTHERAPY 58 PROMOTHER RESILENCE IN YOUNG CHILDREN 66 SIBLING FIGHTING REDUCTION TRAINING 75 TIME-IN MANAGEMENT 75 TOKEN ECONOMY SC 13 COPING CATTREATMENT 7 BEHAVIORAL ACTIVATION 64 SELF-CONTROL SKILLS TRAINING 65 SELF-PRASE TRAINING 31 APPLIED RELAXATION 31 INABIT REVERSAL 32 HARM REDUCTION 39 INTERPETSONAL PSYCHOTHERAPY 67 SKILLS DIRECTED THERAPY 70 SPECH RESTRUCTURING 71 STIMULUS CONTROL OF WORRY 77 TRIPLE p - POSITIVE PARENTING PROGRAM* CR 79 VALIDATION OF FEELINGS 81 WELL-BEING THERAPY 17 DIALECTICAL BEHAVIOUR THERAPY 2 ANGER MANAGEMENT 39 INTERPESSONAL PSYCHOTHERAPY 30 GUIDED MOURNING SS 27 FAMILY WORK FOR SCHIZOPHRENIA 67 SKILLS-DIRECTED THERAPY 77 TRIPLE POSITIVE PARENTING PROGRAM' 17 DIALECTICAL BEHAVIOUR THERAPY 2 ANGER MANAGEMENT 4 ASSERTIVENESS TRAINING 10 COMMUNITY RIDIFFORCEMENT APPROACH 13 IMAGO RELATIONSHIP THERAPY E.M. 6 BECOMING THE OTHER 14 COUNTERTRANSFERENCE, USE OF 24 EXPRESSED EMPAITHY 27 INTERNALIZED-OTHER INTERVIEWING 79 WALDATION OF FEELINGS 11 COMPASSION-FOCUSED THERAPY 59 REPAIRING RUPTURE 81 WELL-BEING THERAPY 29 FREE ASSOCIATION 47 MINDFULNESS TRAINING 69 SOLUTION-FOCUSED QUESTIONING / BRIEF THERAPY 41 LIFE-REVIEW (REMINISCENCE) THERAPY 2. ANGER MANAGEMENT 56 PROMOTING RESILIENCE IN YOUNG CHILDREN 13 COPING CAT TREATMENT 3. APPLIED RELAXATION 22 EXPOSURE, INTEROCEPTIVE [TO INTERNAL CUES] 16 DECISIONAL BALANCE 49 MOTIVATIONAL ENHANCEMENT THERAPY 50 MOTIVATIONAL INTERVIEWING 56 PROMOTING RESILIENCE IN YOUNG CHILDREN 39 INTERPERSONAL PSYCHOTHERAPY 26 FAMILY FOCUSED GRIEF THERAPY

TABLE V - Largest sets of procedures by two components.

