Adolescent Interpersonal Communication Patterns

Abstract
Adolescents are admitted to psychiatric wards presenting with psychiatric problems which are essentially secondary to problematic interpersonal relationships. Successful interpersonal relationships however depend on effective interpersonal communication. Therefore the aim of research on adolescent interpersonal communication was to explore and describe the interpersonal communication patterns of adolescents and to develop an interpersonal communication skills approach to facilitate adolescent interpersonal communication skills within a training programme for adolescents. In this article however attention will be given to the description of the interpersonal communication patterns of adolescents. The target population of the research was 17 year old adolescents. The research consisted of a pre-phase where two contextual scenarios were formulated within group discussions with adolescents. During phase one of the research these scenarios were used to obtain video taped role plays from pairs of adolescents of the target population which were transcribed for data gathering purposes. Written dialogues were also obtained from each pair of adolescents on the same scenarios used for triangulation purposes. During phase two of the research the data was analysed according to Tesch's method and a literature control was done to verify the results. Guba's model for the trustworthiness of qualitative research was used.

Four recurrent interpersonal communication patterns were identified, namely:
- Recurrent patterns of defocusing and externalizing the topic under discussion;
- Recurrent patterns of struggling for power;
- Recurrent patterns of not listening; and
- Recurrent patterns of focusing only on cognitive contents of messages and not on feelings.

The research showed that adolescents have ineffective interpersonal communication patterns. Recommendations were made to facilitate adolescent interpersonal communication within an interpersonal communication skills approach.

Opsomming
Met opname tot psigiatriese eenhede presenteer adolessente met psigiatriese probleme wat sekondêr is tot problematiese interpersoonlike verhoudings. Die geslaagdheid van interpersoonlike verhoudings is egter afhanklik van effektiewe interpersoonlike kommunikasie. Om hierdie rede was die doel van navorsing op adolessente interpersoonlike kommunikasie om die interpersoonlike kommunikasiepatrone van adolessente te verken en te beskryf. Hiervolgens is 'n interpersoonlike kommunikasievaardigheidsbenadering ontwikkel om adolessente se interpersoonlike kommunikasievaardigheid te fasiliteer binne 'n opleidingsprogram aan adolessente. Hierdie artikel word egter slegs gewy aan die beskrywing van die interpersoonlike kommunikasievaardigheidspatrone van adolessente wat betrek is vir hierdie navorsing. Die tekenpopulasie van die navorsing was 17-jarige adolessente. Die navorsing bestaan uit 'n voorfase waar 2 kontekstuele scenarios geformuleer is deur groepsgesprekke met adolessente van die tekenpopulasie. Gedurende fase 1 van die navorsing is data insameling gedoen deur hierdie scenarios te gebruik om rolspelle te verkry van pare adolessente van die tekenpopulasie, dit op videoband op te neem en te transkribeer. Vir triangulieringsdoeleindes is ook geskrewe dialoë verkry van dieselfde pare adolessente wat die rolspelle uitgevoer het. Gedurende fase 2 is data analyse gedoen deur die gebruikmaking van Tesch se metode van data analyse en 'n literatuurkontrole is uitgevoer om resultate te verifieer. Guba se model vir vertrouenswaardigheid van kwalitatiewe navorsing is gebruik.

Vier herhalende interpersoonlike kommunikasiepatrone is geïdentifiseer, naamlik:
• Herhalende patrone van defokus en eksternalisering van die tema onder bespreking;
• Herhalende patrone van magstryd;
• Herhalende patrone van nie luister nie; en
• Herhalende patrone van fokus op kognitiewe inhoud van boodskappe en nie op gevoelens nie.

Vanuit die navorsing blyk dit dat adolescente oneffektiwke interpersoonlike kommunikasiepatrone het. Aanbevelings is gemaak om adoles­sent se interpersoonlike kommunikasie te faseleer binne 'n interpersoonlike kommunikasievaardighedebsenadering.

**Background and Rationale**

This article focuses on adolescent interpersonal communication patterns (Grobler, 1997). Adolescence is a developmental phase which is characterised by the occurrence of many adjustments and changes. Continually higher demands are made to adolescents in terms of career choices, the choice of friends, disengagement from parents and parental homes, and the development of autonomy. Adolescent’s sources of support like their families, members of the community and especially the peer group play a significant role during this phase. Interpersonal relationships with these sources of support must be maintained by adolescents during adolescence in order to ensure continued support. This however requires effective interpersonal communication skills.

**Problem Statement**

While working with adolescents in the adolescent unit of a psychiatric clinic, the researcher found that adolescents get admitted to these units because of problems like eating disorders, behavioral problems and other psychiatric disorders. Discussions with adolescents within trust relationships however revealed that the problems adolescents present with on admission are secondary to interpersonal relationship problems the adolescents have. These interpersonal relationship problems relate to their sources of support, in example their parents, friends, brothers, sisters, teachers and other people who are important to them. Since successful interpersonal relationships are necessary to successfully complete the developmental phase of adolescence these relationships must be maintained by adolescents in order to ensure continued support. As stated above this requires effective interpersonal communication.

From the above the following research question was formulated: Which interpersonal communication skills do adolescents have at their disposal?

**Objective**

In this article the researcher aimed to: Explore and describe the interpersonal communication adolescents have.

**Research design and method**

The research design consisted of a qualitative, investigative, descriptive and contextual design. Trustworthiness was established by utilizing Guba’s model for trustworthiness of qualitative research for the validity and reliability of the research. The four criteria for trustworthiness are: truth value; applicability; consistency; and neutrality. The truth value was ensured by using strategies of credibility and applicability by applying strategies of transferability. Consistency was ensured by strategies of dependability and neutrality by strategies of conformability. Table 1 summarises the strategies utilized to ensure trustworthiness.

**Population**

17 year old adolescents from 2 different secondary schools were used for respectively the pre-phase and the data gathering phase of the research.

**Sampling Method**

Judgemental sampling was done according to the following criteria:

- Willing participation
- Informed consent from both adolescents and their parents or guardians
- 17 years of age
- Able to speak either Afrikaans or English

The research method consisted of a pre-phase where two topical scenarios were formulated within group discussions with adolescents during this pre-phase to be used during data gathering in phase one. The adolescents used for the pre-phase were from a different school than the adolescents that were used for data gathering. Data gathering consisted of adolescents role playing and writing dialogues according to a given scenario as formulated during the pre-phase of the research. The written dialogues were used for triangulation. The scenario’s used were: “You are on your way to a party and your mother doesn’t like what you are wearing.”; and “Your mother promised you that you can borrow the car. You are on your way out when she tells you that she has changed her mind.” 13 Roleplays and dialogues were obtained for data gathering purposes. The role plays were videotaped.

Data analysis was done during phase 2 by transcribing the video recordings and analysing it with the written dialogues according to Tesch’s method. Field notes were also taken into consideration. The first step was to read through each individual transcription and written dialogue as well as to watch the actual role play video to get a picture on the whole. The second step was to repeat the first step but to underline individual behaviour patterns which were identified. A list of all the behaviour patterns were made as well as of all the similar behaviour which were related. The most descriptive word for the identified behaviour was sought and placed into categories and sub-categories. Lastly fieldnotes were used to make inferences on behaviour pertaining to the categories and sub-categories.

A protocol for analysis of the data was sent to an external data analyst who holds a doctorate in psychiatric nursing. Consensus was reached between the researcher and the external data analyst on the results. A literature control was conducted to identify similarities and the uniqueness of the research.

**Results**

The results will now be discussed: The writer will refer to supporting literature and will quote certain portions of the transcribed video recordings and written dialogues. Please note that literature on adolescent interpersonal communication is extremely limited.

The researcher concluded from the results obtained in phase one of the research that the interpersonal communication of the adolescents involved in this research are characterised by four recurrent circular interpersonal communication patterns. These four recurrent circular interpersonal communication patterns are initiated and maintained verbally and non verbally by the adolescents’ feelings, thoughts and behaviour. According to Okun(1987: 49) non verbal interpersonal communication hints are given by non verbal behaviour in example body position, the eyes, eye contact, body weight, body posture, mouth, facial expression, skin, voice and the all over appearance of the person.

The four recurrent circular interpersonal communication patterns that were identified are:

- Defocusing and externalizing the topic under discussion;
- The existence of a power struggle with the conversationist;
- The failure to listen to the conversationist; and
- The lack of focusing on the feelings of
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<td>Credibility</td>
<td>Prolonged field experience and observation</td>
<td>Researcher spent time informally with adolescents to gain their confidence, made video recordings of informal talk and played it back to adolescents, non-participant observation by researcher, made use of triangulation (role play and written dialogues), fieldnotes taken by researcher, literature review done by researcher, data analysis done by researcher, researcher described findings.</td>
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<td>Triangulation</td>
<td>Used two different groups of adolescents for the pre-phase and phase one of the research, used both video tape recordings as well as written dialogues during phase one of the research, fieldnotes, literature review, co-coder used.</td>
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<td>Peer group discussion</td>
<td>Researcher had an analytical session with co-coder during phase one. During phase two findings of the research were discussed with a doctoral committee.</td>
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<tr>
<td>Reference adequacy</td>
<td>Annexures of anonymous transcriptions of role plays and written dialogues as well as field notes were attached to research.</td>
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<td>Member checking</td>
<td>During phase two findings of the research were submitted to respondents.</td>
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<td>Transferability</td>
<td>Dense description</td>
<td>Complete description of methodology including literature control and verbatim quotes from role plays and dialogues, broad selection of information for literature control during phase one of the research. Phase two consisted of a dense description of the findings.</td>
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<td>Dependability</td>
<td>Triangulation</td>
<td>Used two different groups of adolescents for the pre-phase and phase one of the research, used both video tape recordings as well as written dialogues during phase one of the research, fieldnotes, literature review, co-coder used.</td>
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<td>Dense description of research method</td>
<td>Research methodology fully described.</td>
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<td>Research protocol discussed with team of independent nursing specialists.</td>
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<td>Consistency</td>
<td>Guidelines for operationalisation of interpersonal communication approach written on findings of phase one.</td>
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<td>Independent panel of psychiatric nursing specialists.</td>
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Defocusing and externalizing the topic under discussion: Okun (1987: 25) remarks that defocusing from the topic under discussion during interpersonal communication is a less positive interpersonal communication skill. Examples of behaviour that initiate and maintain this pattern are the blaming of the other conversationist, signs of adolescents measuring themselves against the conversationist or other persons and sarcasm. Robin & Koepke (1990: 178-215) lists the blaming of others as a negative interpersonal communication skill that compares with the accusing of others, humiliating others, prescribing to others, preaching to others, reading thoughts...
and giving demands to others. An example of how this pattern featured in the research is: "Well, You never wanted me. You told Dad that you wanted an abortion, so my style of clothing. It doesn’t matter, does it?" Verbal blaming is accompanied by non verbal interpersonal communication hints such as looking the conversationist in the eyes while making blamefull statements, speaking louder and leaning forward into the conversationists personal space.

"According to Wayment & Taylor (1995: 729-757) people who measure themselves against others have a negative self image. An example of how the measuring of themselves against others featured is the following: "Everybody looks like this."

Sarcasm featured in the following way: "It is a dress Mother, what does it look like?" Sarcasm is accompanied by non verbal interpersonal communication hints such as changed facial expressions, changes in the pitch of voice and the making of eye contact in a challenging way.

Defocusing and externalising the topic under discussion is furthermore initiated and maintained by creating feelings of uncertainty and concern. These feelings are however never spoken of during the dialogues but only implied. These feelings furthermore are never clarified by either of the conversationists which leads to double messages being conveyed, misinterpretations and misunderstandings. Wells & Miller (1993: 781) describe adolescents' feelings as being more covert. Van der Merwe (1993: 42) states that the lack of having the ability to clarify feelings is the cause of ineffective interpersonal communication.

Examples of how the adolescents created feelings of uncertainty are: "Don't wait up for me, perhaps I am going to sit still." and "Well the question is whether or not I am going to sit still. There might just be a "breath in the oven." Non verbal interpersonal communication hints that accompany the above are mostly incongruent laughter and this initiates and maintains the power struggle.

The existence of a power struggle with the conversationist: Behaviour that initiate and maintain this interpersonal communication pattern are the adolescents’ search for autonomy and independency, their hard headedness, the use of "you-messages", a display of inadequacy and revengefulness.

Critelli (1987: 223-224) states that dominant remarks lead to dominant reactions. In seeking autonomy and independency the adolescents involved in this research used dominant remarks, which lead to dominant reactions resulting in a power struggle with the conversationist. Examples of how this featured in the research are: "Mom, I am 17 and can do what I want to."; and "Ok, but it remains my choice to decide what I will wear. Remember taste differs, so"

According to Way (1995: 107-128) adolescents agree that the most important aspect to a succesful relationship is to have an opinion and to be given the opportunity to speak your mind on it. Non verbal interpersonal communication hints that accompany the above is a closed body posture, the rising of voice intensity and the interruption of the conversationist.

Dinkmeyer & Mckay (1995: 11) state that hard headedness is part of the adolescents' strive for autonomy. Examples of how this featured in the research are: "I look normal Mother, and I am leaving now."; and "No, I am taking the car tonight do you hear me? Finished!!" Non verbal interpersonal communication hints that accompany the above are the interruption of the conversationist to give their own opinions and the intensifying of the voice.

"You-messages" leads to aggression and this initiates and maintains the power struggle. Kubany, Richard; Bauer & Muraoka (1990: 505-516) states that adolescents also verbalise that "you-messages" lead to aversion and antagonism contrary to "I-messages". Also evident from research done by Kubany et al (1992: 505-516) is that "you- as well as I-messages" are used the same amount of times by adolescents. Okun (1987: 243) states that in making use of "I-messages" one conveys respect for the conversationist's opinion. Examples of how you messages featured in this research are: "You don’t understand!"; and "You are always so old fashioned!" Non verbal interpersonal behaviour hints that accompanies this include the pointing of an accusing finger at the conversationist as well as making definite eye contact. Revenge and aggression initiate and maintain the powerstruggle. Both revenge and aggression are more passively shown. Dinkmeyer & Mckay (1990: 12) are of the opinion that adolescents show the above mentioned behaviour when they feel that they are not going to win the power struggle. Examples of how revenge featured in the research are: "and another thing "grow up"; and "Mom, you had 10 husbands. You used to wear dresses barely covering the "waist line". You still wear those "boob-tubes" and I don’t want to say what else!" An example of how a message that conveys aggression is featured in the research is the following: "I don’t want to be forward or anything, it is just that it is always like this and whenever I open my mouth you jump down my throat!" Non verbal behaviour hints that accompanies this are extreme passivity, monotonous tone of voice, the hanging of the shoulders and the eyes being casted downward. Non verbal and verbal messages that are conveyed are absolutely incongruent.
The adolescents introduced feelings of concern to the conversationist in the research by giving only limited information on his or her where abouts and implying the rest. The adolescents also answered questions of the conversationist as shortly as possible. An example of how the above featured in the research is: "Mother: 'I don't think it is a good idea that he drives you. What is going on in this life?'" Adolescent: (laughs) "Nothing." Non verbal behaviour that accompanies this include adolescents acting as if they have secrets as well as laughing incongruently.

The adolescents experienced "don't care feelings" because they felt that the conversationists did not listen to their opinion. An example of how this featured in the research is: "It does not matter." Non verbally adolescents show their don't care feelings by pulling up their shoulders, the rolling of their eyes and by looking in another direction than that of the conversationist.

The power struggle is maintained through the passive aggressive way the adolescents handle their aggression. By not talking about feelings the power struggle is maintained. An example of how passive aggression featured in the research is the following: "If it is that important to you Mother, I suppose I will have to do it. I suppose there is no other way." Non verbally adolescents' voices are incongruent with their actual feelings in that they speak softly and in an over controlled manner and hands are not used during verbal statements. Contrary to the above mentioned observation Wells & Miller (1993: 781) describe adolescent aggression as behaviour one can definitely see.

Feelings that initiate and maintain the power struggle are "don't care feelings", rage, passive aggression, concern, disheartenedness and powerlessness. Feelings implied during the role plays were clarified by the researcher with the adolescents directly after the role plays were recorded.

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Rage was experienced by the adolescents because of the fact that the conversations never resolved anything. According to Van der Merwe (1993: 11) rage originates when a person feels as if someone is denying him/her humanity. Carlson; Mareus-Newhall & Miller (1990: 622-633) state that verbalizations because of rage give leadway to rage becoming aggression. A verbal example of how rage featured in the research is: "Now I know what you think of the way in which I dress Mother! What gives you in any way the right to say something about my clothes when you are not in fashion since a long time ago!" Non verbal behaviour accompanying this include incongruent voice intensity and an over controlled way of speech. Hands are not used and this shows the passivity of the way in which the adolescents experience their rage.

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Rand Afrikaans University
**Master's:** Kliniese leeruitkomste vir die kritiekesorg praktyk. Kliniese leeruitkomste gaan gestel word vir die verskillende dissiplines binne die kritiekesorgpraktyk, sodat die kritiekesorg leerder weet aan watter uitkomste sy/hy moet voldoen as hy/sy in die spesifieke eenhede gewerk het. Die preseptore kan dan ook die kliniese leeruitkomste gebruik as riglyn vir kliniese begeleiding.

1999/05
MUYEU M
Tel: +067 255025 X2260
University of Namibia
**Master's:** The quality of nursing care regarding the personal hygiene of patients admitted to a hospital in the Kavango region.
The purpose of the study is to identify through a survey the quality of nursing care regarding personal hygiene in a hospital in the Kavango region.

1999/06
ROBERTSON S
Tel: (011) 488-4272/3 Fax: (011) 488-4195
E-mail <llosnar@chiron.wits.ac.za>
University of the Witwatersrand
**Master's:** Experiences of undergraduate nursing students of their problem-based, community-based approach to learning. 
The purpose of the research is to explore the experiences of students by getting them to share their perceptions and experiences in order to attempt to describe the experiences from the student’s point of view. The purpose is also to provide a more relevant support programme for those who really struggle.

1999/07
RICHTER, MS
Tel: (012) 354-2125 Fax: (012) 354-1490
E-mail <mrichter@medic.up.ac.za>
Rand Afrikaans University
**Doctoral:** Ontwikkeling van standaarde vir perinatale onderrig op nasionale vlak. Daar bestaan geen standaare vir perinatale onderrig in Suid-Afrika nie. Die doel van hierdie navorsing is om standaarde te ontwikkel met die doel om as riglyne te dien vir ‘n kwaliteit diens wat die reg is van elke swanger vrou en vrou met kinders.

1999/08
PRETORIUS, L
Tel: +264 61 206-3170
**Master's:** The role of the clinical instructor in the development of critical thinking of student nurses.
The purpose of the study is to describe the role of the clinical instructor in the development of critical thinking of student nurses.

1999/09
VAN VELDEN, CE
Tel (012) 993-4598 Fax: (012) 354-1490
E-mail <nursing@medic.CvanveldURac.za>
University of Pretoria
**Other Research:** Die keuring van B.Cur. studente aan die Universiteit van Pretoria in perspektief. Voorgraadse studente aan die Universiteit van Pretoria word die afgelope 15 jaar volgens 'n aangepaste Smeltzer-skaal gekeur. Die effektiwiteit van die keuringsmodel word ondersoek in terme van akademiese sukses asook koste-effektiwiteit.

1999/10
BESTER, M
Tel: +264 61 206-3206
University of Namibia
**Master's:** The standard of nursing care of patients undergoing hysterectomies in training hospitals in Windhoek.
The purpose of the study is to investigate the extent to which the standard of nursing care of hysterectomy patients, in training hospitals in Windhoek, meet set criteria.

1999/11
VAN WYK, N.C. (PROF)
Tel: (012) 354-2125 Fax: (012) 354-1490
E-mail <nvanwyk@postillion.up.ac.za>
University of Pretoria
**Post-Doctoral:** A model for the training of reflective nurses. 
The purpose of the research is to develop a model incorporat-
ing the theory of conscientisation developed by Paolo Freire for the training of reflective practitioners.

1999/12
KLOPPERS, J
Tel: +264 61 206-3224 Fax: +254 61 206-3922
University of Namibia
**Master's:** An investigation into the health needs and experiences of children in foster homes in Windhoek.
The purpose of the study is to gather information on the health needs and experiences of children in foster homes in Windhoek.

1999/13
PULLEN, AE
Tel: (012) 373-8041 Fax: (012) 373-9031
E-mail <apullen@kalafong.up.ac.za>
University of Pretoria
**Doctoral:** A model for an enrichment programme for registered nurses in a hospital context.
The purpose of the study is to develop a model for an enrichment programme for nurses, to enable them to fulfill their professional role.

1999/14
CHAUKE, EM
Tel: (012) 320-3275
University of Pretoria
**Master's:** Adaptation of lodger mothers after prolonged rooming in with their hospitalised neonates at Garankuwa Hospital.
The aims of the study are to describe how mothers who roomed-in for a month or more adapt at home after discharge and to identify problems related to physical care of babies which they experienced after discharge.

1999/15
ANGALA, SP
Tel: +264 61 30-4076 (home)
University of Namibia
**Master's:** A survey on the knowledge and experiences of newly diagnosed tuberculosis patients and health workers about the management of tuberculosis.
The purpose of the study is to gather the relevant information and possibly recommend the development of an educational tool to supplement daily patient education.

1999/16
BAIRD, AC
Tel: (012) 354-2129 Fax: (012) 354-1490
E-mail: <annab@netactive.co.za>
University of Pretoria
**Other Research:** Nursing dynamics: telematic education - a comparative study concerning paper based versus transmission only method of teaching.
The purpose of the study is to estimate the value of paper-based telematic education regarding nursing dynamics.

1999/17
MOETI, MR
Tel: (011) 923-2108
University of Pretoria
**Master's:** The perceptions of the realisation of the scope of practice of the registered nurse in newly graduate nurses.
The purpose of this study is to describe the perceptions regarding the realisation of the scope of practice of the registered nurse in newly graduated nurses.

1999/18
NELUMBA, P
Tel: +264 61 203-2395
University of Namibia
**Master's:** The management of iron/folate supplementation for pregnant women by registered nurses and midwives in maternity services in Windhoek.
The purpose of the study is to obtain information on the management of iron/folate supplementation in pregnant women by registered nurses and midwives.

1999/19
RAMAKGOAKGOA, M
Tel: (012) 318-6851
University of Pretoria
**Master's:** Experiences of women who had abortion by choice.
The purpose of the study is to explore the experience of women who had abortion by choice regarding the procedure of abortion.

1999/20
SATEKGE, M
Tel: (011) 314-2671
University of Pretoria
**Master's:** The lived experience of teenage pregnancy.
The purpose of the study is to describe the lived experience of teenage pregnancy in a rural African community.

1999/21
TEMPLETON, LE
Tel: (011) 314-2671
University of Pretoria
**Master's:** The realisation of conscientisation during sustainable community development: a participatory research approach.
The aims of the study are to analyse the process of conscientisation according to Paolo Freire’s theory of conscientisation, as it manifested itself in the participants of the study and to describe the realisation of the process of conscientisation as perceived by the facilitators of the community development that occurred.

1999/22
THAKHISI, YM
Tel: +09266 331901
University of the Witwatersrand
**Master's:** Knowledge, attitude and risk behaviours for contracting HIV/AIDS infection among adolescents in schools in Lesotho.
The study seeks to reveal what knowledge high school students have regarding HIV/AIDS and how the students apply the knowledge they have about HIV/AIDS in their daily lives.

1999/23
MGOMA,B
Tel: (011) 955-2161
University of the Witwatersrand
**Master's:** Record review of absenteeism in a paint factory.
The research seeks to establish the reasons associated with absenteeism and to develop a health programme that may help to control and/or reduce absenteeism.

1999/24
MOLISE, N.A.
Tel: +09266 31-4608Fax: +09266 31-7671
University of the Witwatersrand
Master's: Occupational hazards among nurses in a large referral hospital in Lesotho.
The purpose of the study is to collect baseline data on occupational risks that nurses are exposed to in order to motivate for the establishment of an occupational health service.

1999/25
RAMAKUMBA, TS
Tel: (012) 529-3205  Fax: (012) 560-0099
University of the Witwatersrand

Master's: An investigation into the knowledge mothers of under 2-year old children have of the ‘road to health’ chart in a tertiary health care unit in Garakuwa.
The purpose of the study is to determine the knowledge of mothers and their understanding of the use of the ‘road to health’ chart in the health maintenance of their children.

1999/26
ZIMBA, EW
Tel: (011) 488-4272  Fax: (011) 488-4195
E-mail <llotete@chiron.wits.ac.za>
University of the Witwatersrand

Master's: Knowledge of primary caregivers on home-based care of HIV/AIDS children in Malawi.
The study aims to determine the knowledge of the primary caregivers of children HIV/AIDS.

1999/27
BRAND, CE
Tel: (051) 507-3429  Fax: (051) 507-3355
E-mail <cbrand@mail.tofs.ac.za>
Technikon Free State

Doctoral: Synergism between antioxidants in wines, vitamins and fatty acids.
The French paradox: is it only red wine giving protection against heart diseases or does it also include the other eating habits? For that reason it is intended to include vitamins and different fatty acids, especially olive oil in the conjugated diene method.

1999/28
NYUSWA, NV
Tel: (031) 907-8111  Fax: (031) 907-8334
University of Zululand: Durban-Umlazi Campus

Master's: Management and health information systems in Health Region F of KwaZulu-Natal hospitals.
The purpose of the study is to identify tools to improve inadequate analysis, interpretation and utilisation of data on health and health care. It is also intended to identify strategies that can be used to facilitate a well co-ordinated, comprehensive and user-friendly management and health information system in KwaZulu-Natal.

1999/29
GUMEDE, EZ
Tel: (0325) 3-4086
University of Zululand: Durban-Umlazi Campus

Master's: The effectiveness of the directly observed treatment short course (DOTS) strategy for control of tuberculosis in the Outer West Health District of KwaZulu-Natal.
The purpose of the study is to investigate the treatment outcome of patients enrolled in the DOTS programme from the perspective of those involved in its implementation as providers and consumers. Problems will be identified and recommendations made for improvement where necessary.

1999/30
KUBHEKA, BA
Tel: (031) 777-1155  Fax: (031) 777-8600
University of Zululand: Durban-Umlazi Campus

Master's: The preparedness of professional nurses in terms of human resource development strategy for the transformation of health care in KwaZulu-Natal province.
The purpose of the study is to evaluate if the existing human resource development strategies are adequate and appropriate to prepare professional nurses to function effectively in the transformed health care system in South Africa, with particular reference to the primary health care philosophy.

1999/31
NYEMBE, LN
Tel: (031) 907-8111  Fax: (031) 907-8334
University of Zululand: Durban-Umlazi Campus

Master's: Home based care as a continuum of the comprehensive health care provision for people living with AIDS at Umlazi Health Region F, KwaZulu-Natal.
The aim of the study is to determine the appropriateness of care provided for people living with AIDS at home and to determine the type and extent of support they get.

1999/32
KHANYILE, TO
Tel: (031) 777-1155
University of Zululand: Durban-Umlazi Campus

Doctoral: An evaluation of the impact of post basic nursing programmes of the University of Zululand.
The purpose of the research is to evaluate the appropriateness of the utilisation of the post-basic nursing programmes of the University of Zululand. It is also to find out how the graduates of the University are utilised in the health services and the nursing education institutions of KwaZulu-Natal.
A descriptive survey was conducted in Bafokeng, Ga-Rankuwa, Gazankulu and Kangware nursing colleges. The data was gathered with the help of a questionnaire. Random sampling method was used to select 10% of the total population for the pilot study, to test for validity and reliability. Of the 284 questionnaires distributed to the four colleges to first year and fourth year students respectively, a usable response of 284 (100%) was obtained. The results indicated that every individual student uses more than one learning style. There is no significant difference between fourth year male and female students’ learning styles when compared to those of first year students. Therefore, nurse teachers should use many teaching strategies during the teaching process in order to enhance learning. Students should as well change or modify their learning styles in relation to the teaching styles of their teachers and this will improve learning and teaching. It is recommended that a study on identification of teaching strategies used at various nursing colleges be done. Identification of learning styles of each student and comparison thereof should also be done at different year levels of training.

The purpose of this non-experimental descriptive study was to identify the cultural beliefs and practices surrounding pregnancy. The study aims at collecting data which will function as baseline information on cultural beliefs and practices surrounding pregnancy. A structured interview guide with both open and close-ended questions was used to collect data from 230 pregnant women who were 18 years of age and older and who were willing to participate. The data was processed on computer and a statistical software package known as ‘Statistical Package for Social Sciences (SPSS)’ was used. The study revealed that pregnant women used a combination of care givers which either included a modern midwife and an elderly woman at church or a modern midwife and a traditional midwife. This is done in order to follow the traditional and cultural beliefs surrounding pregnancy and childbirth. The majority (92.2%) of the antenatal women in this study had primary and secondary education but still followed their cultural beliefs and practices. Thus, education does not appear to influence cultural beliefs and practices. The most common reasons cited for adhering to the beliefs and practices were that defiance was a taboo punishable by the ancestors. This study has highlighted the cultural beliefs and practices related to pregnancy. Further in-depth investigation into the impact of these cultural beliefs and practices is needed as it is imperative to determine their impact on pregnancy and its outcome. The limitation of the study was that data was only collected in one city and, therefore, the results cannot be generalised to the entire population.

The purpose of the study was to investigate women’s perceptions of early discharge from hospital. The purpose of the study was to investigate women’s perceptions of early discharge after childbirth and to determine their needs. The study aims to create an awareness that could lead to improved service and meet the needs of postnatal women. A descriptive survey design was used in order to study the views of postnatal mothers in relation to early postpartum discharge. The target population was postnatal mothers six weeks post-delivery. Simple random sampling was used to select five clinics for the study. Convenience sampling was used to select a sample of at least 22 postnatal women from each clinic. A sample of 110 post-natal women was obtained from five clinics. A structured interview schedule was used and both open and close-ended questions were utilised. The findings of the study revealed that respondents felt that it was good to be discharged early in order to join their families at home for support. Those respondents who felt it was not good, felt that they lacked information and basic skills in relation to care of their babies and self. The findings further showed that primiparous experienced stressful events post-delivery for example, tearfulness. The limitations are that the study was conducted in only one urban setting, there, the findings cannot be generalised beyond the sample. The findings of this research are also limited to the five clinics. It is recommended that each postnatal ward should have a teaching manual which provides instruction or information that must be given by the midwives to the postnatal women. It is also recommended that the needs of the mothers be recognised, so that information given is individualised. It is further recommended that a similar study be conducted on teenage mothers to identify problems of grous with special needs.
aggression and uncertainty also initiate and maintain the recurrent interpersonal communication pattern of failing to focus on feelings. By not discussing feelings but by only implying them, the above mentioned pattern keeps evolving during adolescent interpersonal communication.

Adolescent thoughts that initiate and maintain the abovementioned recurrent interpersonal communication pattern are thoughts on problem-solving and compromising. These thoughts lead to nothing when they are not focussed on the emotional content of messages. Examples of verbal compromise are: "Compromise? Well that sounds Ok, I accept that.", and "Ok, I will try to make another plan."

Conclusion
The above conclude the findings of this research. The researcher believes that the adolescents have the ability to formulate constructive interpersonal communication skills if they are given the opportunity and are facilitated correctly. The adolescents' verbalised their dissatisfaction with their way of interpersonal communication can be utilized in an approach to facilitate adolescents into formulating constructive interpersonal communication skills.

Limitations
A possible limitation to this study is the use of video recordings as data gathering method, since video recordings could have made the adolescents anxious and could have influenced the way in which they communicated with one another. This limitation was however put aside in putting the adolescents at ease by allowing them to watch themselves on a TV screen as they entered the room and while having informal conversation. Triangulation through the written dialogues that were done together with the videotape recordings also makes the above possible limitation less of a concern.

Recommendations
Recommendations were made for psychiatric nursing practice, -research and -education:
Psychiatric nursing practice: Knowledge of the adolescents' interpersonal communication patterns enable the psychiatric nurse to facilitate adolescents in becoming more effective interpersonal communicators.
Research: Data gathered in phase 1 of this research is rich in information on adolescent interpersonal communication which is an understudied field of research, thus other research can be conducted on this data. Guidelines can be described for the operationalization of an interpersonal communication approach for adolescents which could be put into practice and which can then be described within a single case study.

Nursing education: Nursing students can be made aware of the communication patterns that adolescents use to enable the students to facilitate more effective interpersonal communication in their clients.

Sources


