

EXPANSION OF THE 'REGISTER FOR SUICIDE ATTEMPTS'

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Introduction

Knowledge of the extent of attempted suicides in Denmark can be found in the 'Register for Suicide Attempts'. The purpose of this study was an expansion of the data collection area, from the former County of Funen to the entire Region of Southern Denmark and to include a new variable –circumstances. This was the first step in the process of including and collecting data on suicide attempts nationwide.

Methods

We received transcripts of all civil registration numbers that had been in contact with an emergency ward (somatic and psychiatric) due to a suicide attempt in 2011. From each patient's medical journal, we recorded the following variables: Age, gender, place of registration, municipality code, Region/county code, time and date, alcohol, code for cause of contact, method, medicine, circumstances in relation to the attempt: proximal- and distal factors.

Results

The main results: Suicide attempts in Southern Denmark 2011: 929 (595 women, 334 men). Highest attempt rate: 289.2 per. 100.000 was among 15-19 years old women. Most frequent method: Self-poisoning (74.2%) with Paracetamol (Panodil) as the most used pharmaceutical product. Circumstances: Most frequent distal- and proximal factor was mental illness.

	Women (n)	Men (n)	Total (n)
Suicide attempts	595 (64%)	334 (36.0%)	929 (100%)

Table 1. Number of Suicide attempts in Southern Denmark 2011

ATC-Code	Category	Subcategory	%
N02BE01	Analgesic	Paracetamol	27,4 %
M01AE01	Antiinflamm./antirheum.	Ibuprofen	8,2 %
N05AH04	Antipsychotic	Quetiapin	4,8 %
N02AX02	Analgesic	Tramadol	4,3 %
N05AF03	Antipsychotic	Chlorprothixen	6,8 %
N05BA04	Anxiolytics	Oxazepam	4,9 %
N05CF01	Hypnotics og sedatives	Zopiclon	1,9 %
N05CF02	Hypnotics og sedatives	Zolpidem	2,3 %
N06AB04	Antidepressants	Citalopram	2,3 %
Total			62,9 %

Table 2. Most frequent ATC-codes recorded in relation to self-poisoning

Name	ATC-Code	Category	Subcategory	Ca. andel
Panodil	N02BE01	Analgesic	Paracetamol	11,6%
Truxal	N05AF03	Antipsychotic	Chlorprothixen	7,1 %
Pamol	N02BE01	Analgesic	Paracetamol	6,7 %
Seroquel	N05AH04	Antipsychotic	Quetiapin	4,9 %
Alopam	N05BA04	Anxiolytic	Oxazepam	4,1 %
Pinex	N02BE01	Analgesic	Paracetamol	3,8 %
Ipren	M01AE01	Antiinflamm./antirheum	Ibuprofen	3,1 %
Ibumetin	M01AE01	Antiinflamm./antirheum	Ibuprofen	2,5 %
Dolol	N02AX02	Analgesic	Tramadol	2,3 %
Total				46,3 %

Table 3. Most frequent pharmaceutical products used in relation to self-poisoning

Discussion

The number of attempted suicides is a minimum figure as not all suicide attempters have subsequent contact with either somatic- or psychiatric emergency wards. The information in the patient's medical journal depends on what information the attending doctor is able to gather. Thus the results of this study are affected by this.

Conclusion

Since the described results are based on only one year of data collection, we anticipate more valid data in the future.

