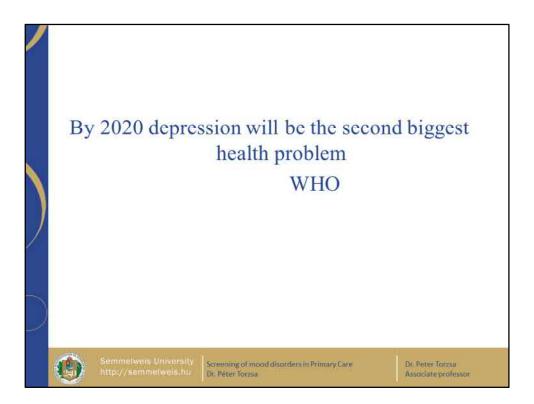
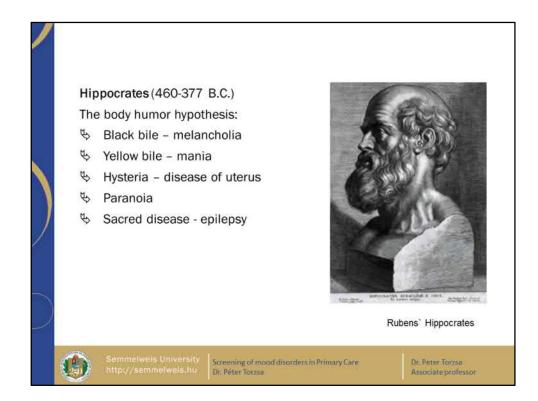


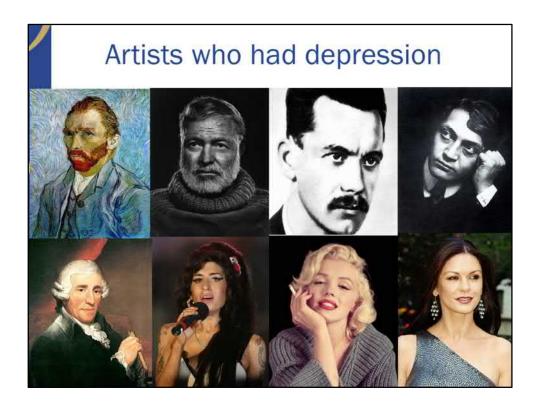
Depression is a common mental disorder, characterized by sadness, loss of interest or pleasure, feelings of guilt or low self-worth, disturbed sleep or appetite, feelings of tiredness, and poor concentration.

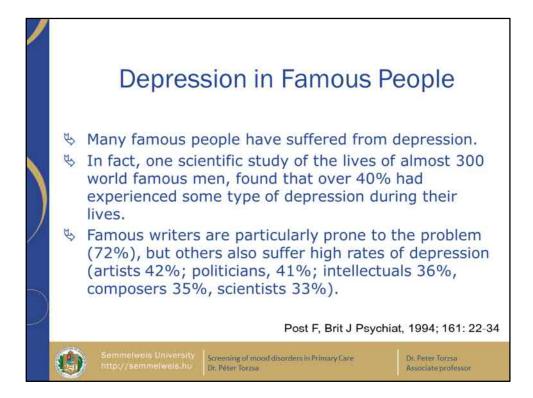
Depression is the most common psychiatric disorder in the general population and the most common mental health condition in patients seen in primary care. Although symptoms of depression are prevalent among primary care patients, few patients discuss these symptoms directly with their primary care clinicians. Instead, two-thirds of primary care patients with depression present with somatic symptoms (eg, headache, back problems, or chronic pain), making detection of depression are difficult. It is estimated that only 50 percent of patients with major depression are identified.



The prognosis of the WHO was too optimistic, depression has already the second biggest health problem since 2017

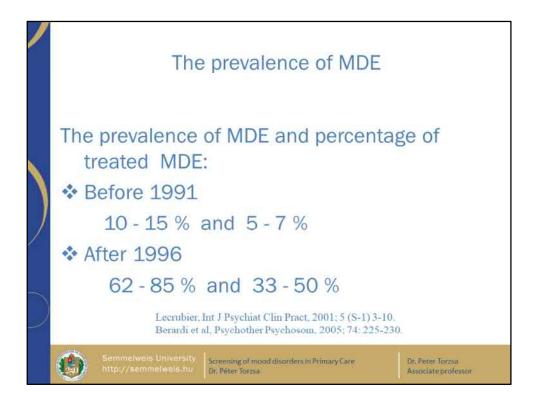


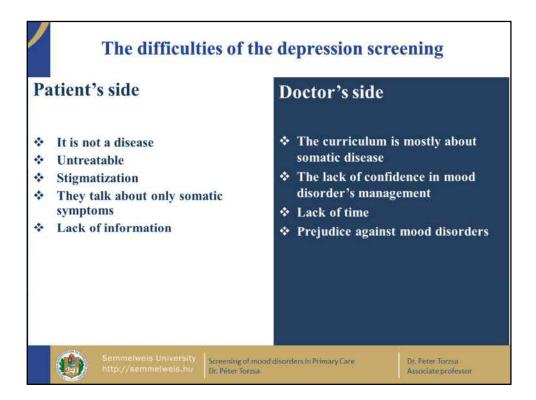




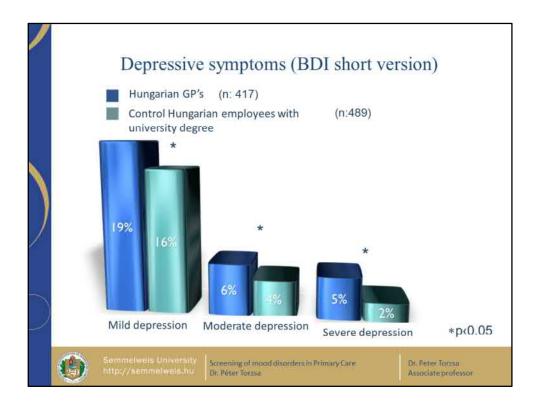


		Lifetime	1 year	1 month prevalence
Int	ernational data			
B	Major depression	4.6-15.7	3.4-5.2	1.5-5.2
B	Bipolar depression	0.5-5.5	0.3-1.7	0.1-0.6
Na	tional data			
B	Major depression	15.1	7.1	2.6
B	Bipolar depression	5.1	1.1	0.5
				98, 50: 153-162. f Psychiatry, 2005.

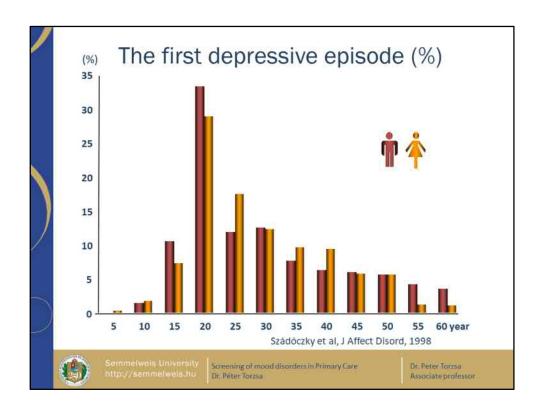




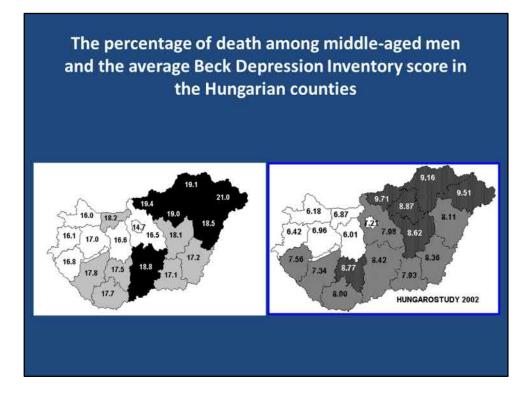
It is really difficult to screen depression. In this table you can see the patient's and the doctor's side of this problem.



Depressive symptoms were significantly more prevalent among Hungarian GP's compaire Hungarian employees with university degree



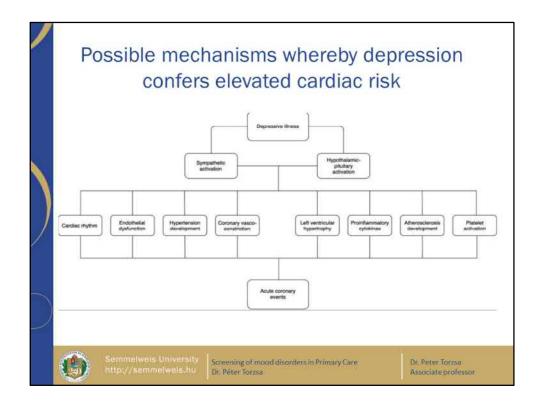
The peak of the first depressive episode is in the early 20s. We have to be cautious with this age group.

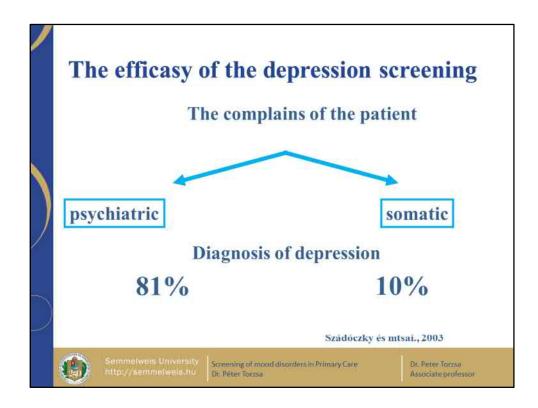


In this left table you can see the percentage of death among middle-aged men in the Hungarian

counties. In the right table you can see the average BDI score in the Hungarian counties. You can see the similarity between the 2 tables.

The death rate is higher in counties where the average BDI score is higher. It showes the connection between mood disorders and cardiovascular death.



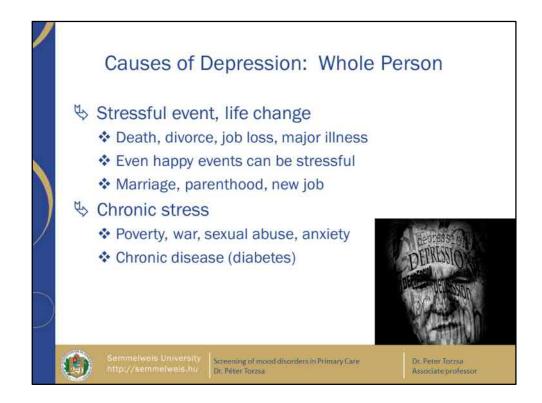


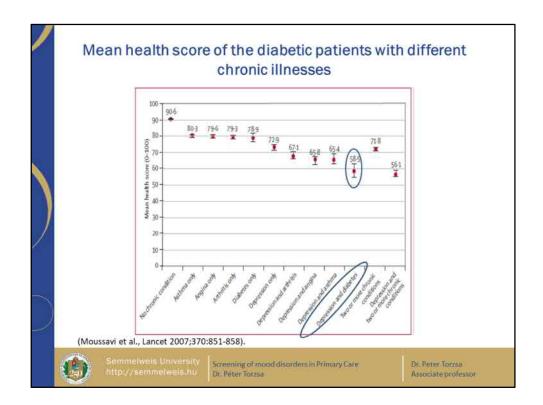
	Genetics	s, envirome	nt, depression
Genetic	Early event	Late event	Possibility of depression
+	+	+	80%
+	+	-	50%
+	-	+	50%
+	-	-	30%
-	+	+	30%
-	+	-	10%
-	-	+	10%
-	-	-	0%
6	Semmelweis University http://semmelweis.hu	Screening of mood disorders i Dr. Péter Torzsa	in Primary Care Dr. Peter Torzsa Associate professor

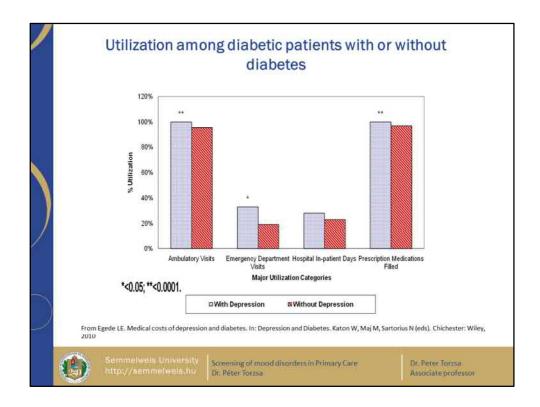
A	В	
Depressed Mood	Reduced self esteem and confidence	
Loss of interest and enjoyment in usual activities	Ideas of guilt and unworthiness	
Reduced energy and decreased activity	Pessimistic thoughts	
	Disturbed sleep	
	Diminished appetite	
	Ideas of self harm	
Severity of Depressive Episode: Mild: > 1 from column A plus 1-2 from column B impairment. Moderate: > 1 from column A plus 2-3 from colum Severe: All 3 from column A plus > 3 from colum impairment, psychotic sx, recent suicide attempt,	nn B. Or 7 – 8 sx but moderate functional impa n B. Or fewer sx but any of these: severe funct	

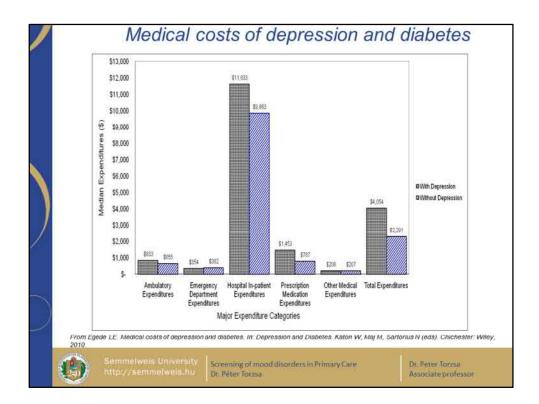
/	Emotional and physi	cal symptoms of depression
	Emotional Symptoms Include	
	Sadness	Vague aches and pains
	Loss of interest or pleasure	Headache
	Overwhelmed	Sleep disturbances
	Anxiety	Fatigue
	Diminished ability to think or concentrate, indecisiveness	Back pain
		Significant change in appetite
	Excessive or inappropriate guilt	resulting in weight loss or gain
	Semmelweis University http://semmelwels.hu Dr. Péter To	f mood disorders in Primary Care Dr. Peter Torzsa Associate professor

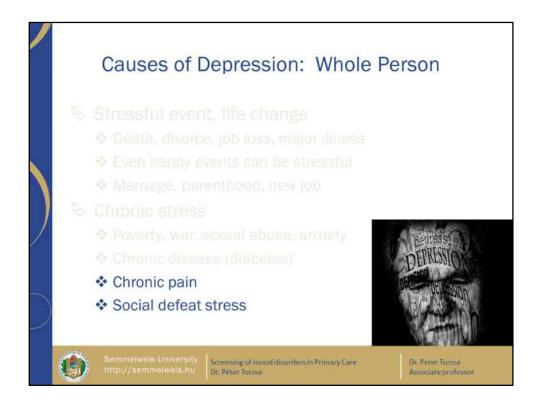
69% of diagnosed depressed patients reported unexplained physical symptoms as their chief compliant. The emotional and physical symptoms of depression can see in this Table

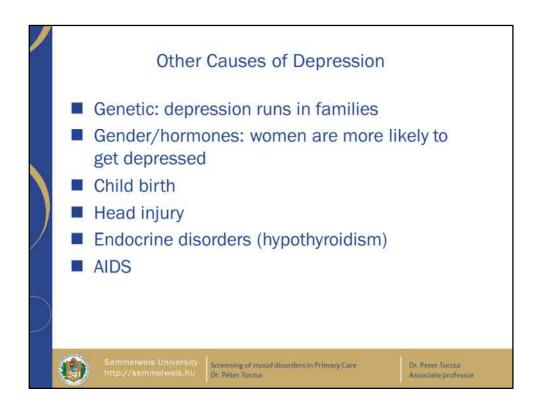


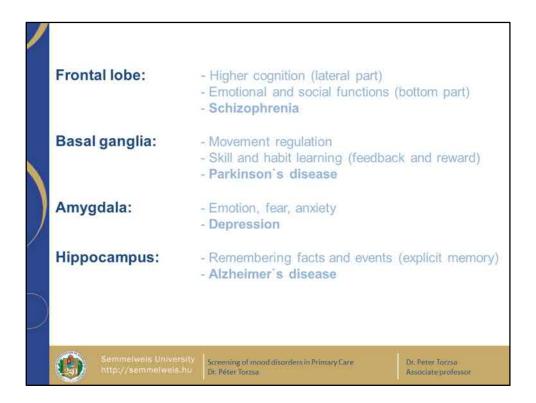


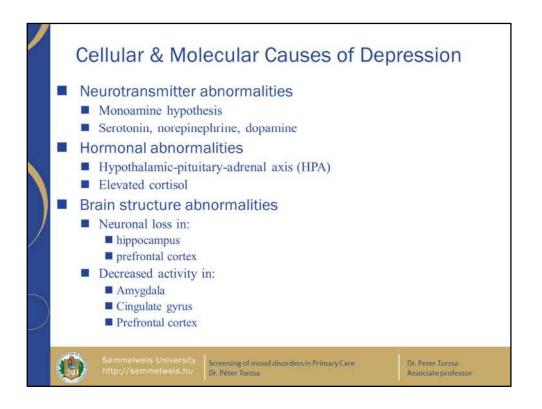


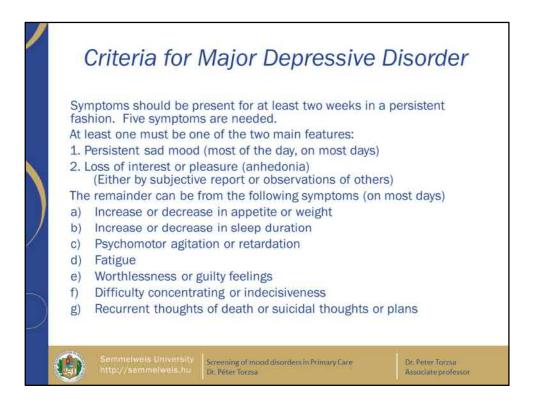






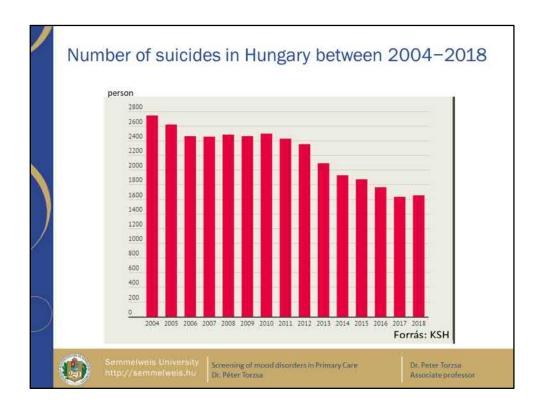




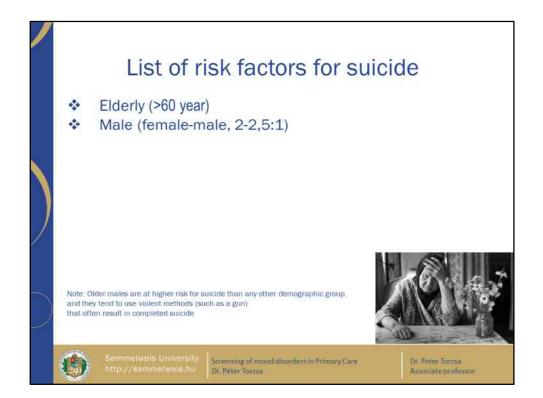


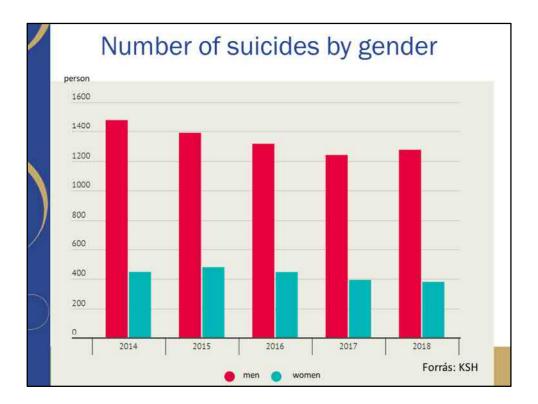


* Rates	are per 100,000 people					
Flag	Name	Suicide Rank -	Total Suicide Rate	Male Suicide Rate	Female Suicide Rate	Total Per Year
	Lithuania	1	31.9	58.1	9.5	894
-	Russia	2	31	55.9	9.4	45,178
	Guyana	3	29.2	43.7	14.4	227
:0;	South Korea	4	26.9	38.4	15.4	13,765
	Belarus	5	26.2	46.9	8.2	2,477
-	Sunname	6	22.8	34,7	10.9	131
	Kazakhstan	7	22.5	38.3	7.6	4,122
	Ukraine	8	22.4	41.1	6.3	9,911
=	Latvia	9	21.2	37.6	7.3	409
=	Lesotho	10	21.2	17.8	24.4	447
	Belgium	11	20.7	27.8	13.8	2,377
=	Hungary	12	19.1	29.7	9,6	1,854
-	Slovenia	13	18.6	30.4	6.9	386
	Japan	14	18.5	26	11.4	23,532
1	Druguay	15	18.4	29.2	8.3	635
=	Estonia	16	17.8	30.6	6.6	235
Ú.	France	17	17.7	23.9	11.7	11,503
-	Switzerland	18	17.2	22	12.4	1.456

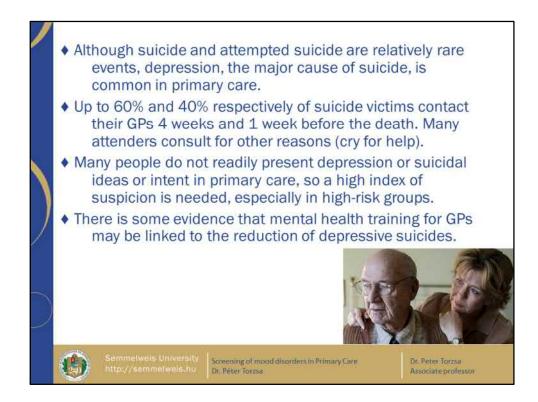


Number of suicides in Hungary rapidly decreased from 2011 but there was an increase in 2018 because risk factors and lack of psychiatrists









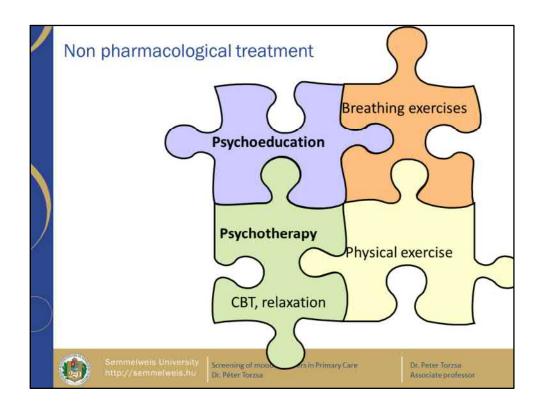
Protective factors for suicide

Good family and social support Pregnancy and post partum period Large number of children Active (non-formal) religiosity Reducing lethal suicide methods Hypersomnia and increased appetite Hypertensive temperament Psychotherapeutic and pharmacological treatment of patients with affective temperament



melweis University Screening of mood disorders in Primary Care //semmelweis.hu Dr. Péter Torzsa

Dr. Peter Torzsa Associate professor









Currently available antidepressants and	
their recommended dosage	

SSRI	Initial dose (mg/day)	Maximum dosage (mg/day)
Fluoxetine	20	60-80
Paroxetine	20	50
Citalopram	20	40-60
Escitalopram	10	20
TCAs		
Amitriptyline	25	300
Imipramine	25	300

