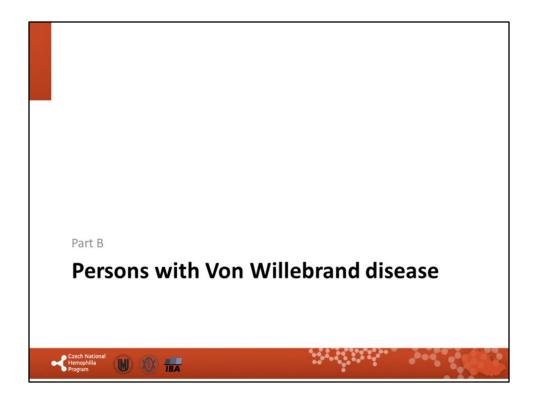
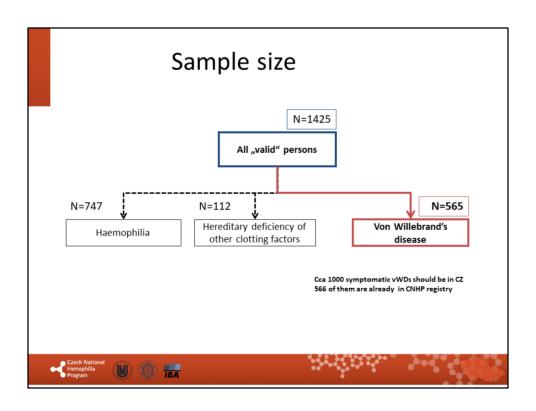
The status of care for persons with von Willebrand disease registered within CNHP registry Annual Report 2016

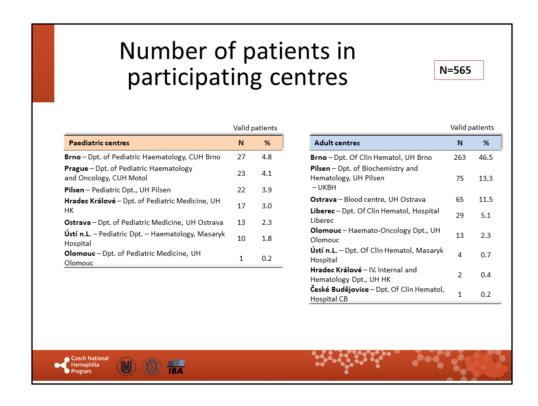
Jan Blatný, Petra Ovesná
on behalf of
Centres contributing to database
of the CNHP (Czech National Haemophilia Programme)

July 2017

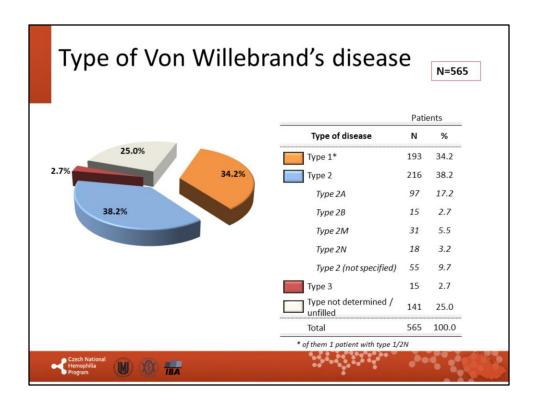


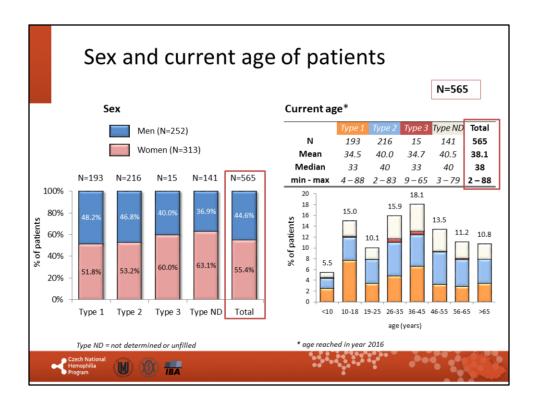




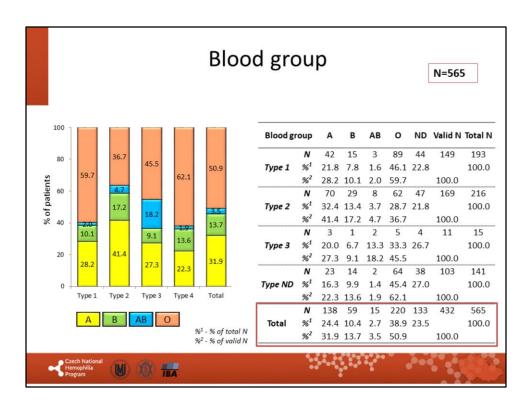


Centres participating in vWD survey within CNHP registry.

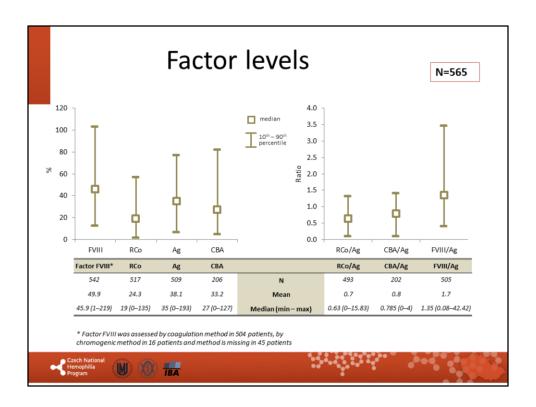




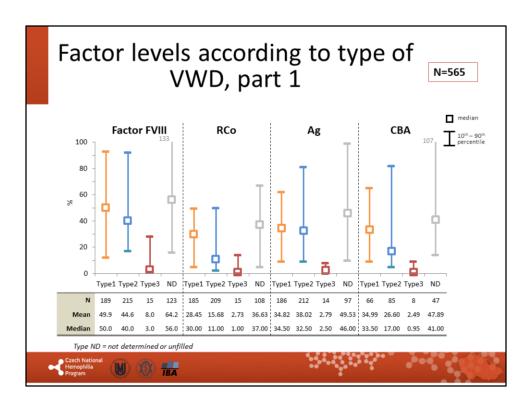
Median age of Czech persons with vWD is below 40 years.



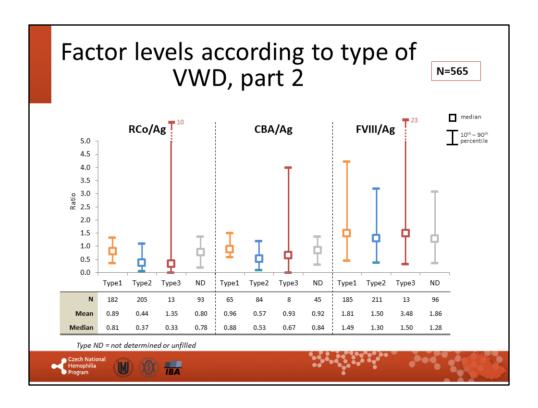
Well known predominance of BG 0 is confirmed within the registry.

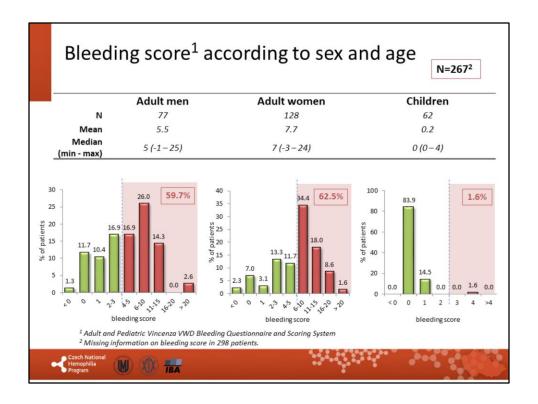


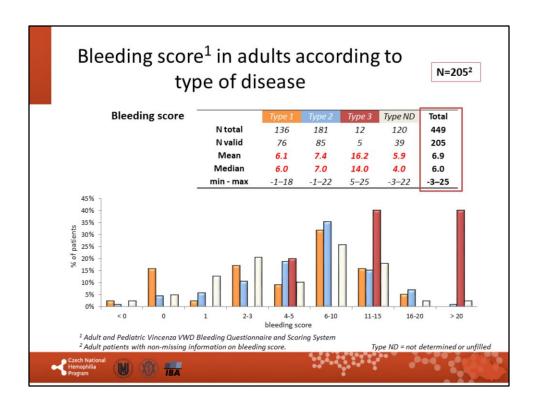
This slide is giving just general overview as it is not related to different vWD subtypes.



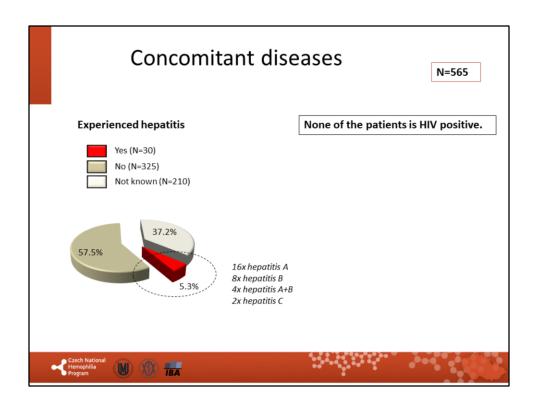
This and further slides show factor levels related to respective vWD subtypes. These data correlate well with published findings.







Type 3 has obviously the most heavy bleeding score.



Hepatitis and/or HIV prevalence in vWD patients within CNHP registry

loc	ation	of blee		and	N=4
	Туре 1	Туре 2	Туре 3	Type ND	Total
ABR					
N valid	175	198	14	85	472
Mean	0.13	0.13	0.93	0.01	0.13
Median	0	0	0	0	0
min – max	0 - 12	0 - 5	0 - 6	0 - 1	0 - 12
SUM	22	25	13	1	61
Location of bleeds N _P /N _B ²					
Epistaxes	3/8	5/30	0/-	0/-	8/38
Other	1/1	5/6	0/-	0/-	6/7
Joints	1/12	1/1	2/4	0/-	4/17
Metrorrhagia	1/1	1/1	1/5	0/-	3/7
Muscles	0/-	0/-	2/2	1/1	3/3
Subcutaneous	0/-	0/-	2/2	0/-	2/2
Urogenital tract	0/-	1/3	0/-	0/-	1/3
SUM	6/22	13/41	7/13	1/1	27/77
Missing information on ABR i	- 02+!+-		7	ype ND = not deter	rmined or unfil

Annual bleeding rate and locations of bleeds in vWD patients within the registry. Please note, that not all of the bleeds needed treatment with vWF concentrate

	tion of drugs in year 2016				
	Number of treated patients total (type1/type2/type3/typeND)	Total annual consumption (IU)	Average annual consumption per treated patient (IU)		
Fanhdi	18 (12/5/0/1)	165 500	9 194.		
of them on prophylaxis*	1 (0/1/0/0)	102 000	102 000.		
Haemate P	68 (24/30/7/7)	885 500	13 022.		
of them on prophylaxis*	2 (0/0/2/0)	262 000	131 000.		
Immunate	1 (1/0/0/0)	1 000	1 000.		
of them on prophylaxis*	0 (0/0/0/0)	0	0.		
Wilate	12 (7/4/1/0)	122 500	10 208.		
of them on prophylaxis*	0 (0/0/0/0)	0	0.		
Willfact	1 (0/0/1/0)	182 000	182 000.		
of them on prophylaxis*	1 (0/0/1/0)	182 000	182 000.		
Total	100 (44/39/9/8)	1 356 500	13 565.		
of them on prophylaxis*	4 (0/1/3/0)	546 000	136 500.		
Total - type 1	44	200 000	4 545.		
Total - type 2	39	613 000	<u>15 717.</u>		
Total - type 3	9	497 000	<u>55 222.</u>		
Total - type ND	8	46 500	<u>5 812.</u>		
* Permanent prophylaxis	Type ND = not	Type ND = not determined or unfille			

Absolute numbers of respective concentrates consumption in this figure refer ONLY to the records within CNHP registry, which have been updated in 2016. The most important information on this slide is "Average annual consumption per treated person". This aims to reflect nation-wide consumption of factor concentrate per treated patient. Shows well the highest consumption in type 3 vWD. Please note, that the numbers of treated patients are relatively small and do vary significantly between different concentrates. This is, indeed, a source of potential bias. To increase the data validity, we have to increase the number of treated patients recorded within CNHP registry.

On the other hand, for vWD treated patients (excluding type 3 patients) the annual consumption per treated patient should reflect the real situation (between 5 000 – 15 000 IU/year) relatively well. This slide also demonstrates significant difference in consumption of vWF concentrate between those, treated with prophylaxis and those, who do not need prophylaxis.

No	Centre	Age group	Type of VWD	Type of prophylaxis in 2016	Treatment in 2016	No of applications per week	Total consumption (IU)	ABR ii 2016
1	Brno	Child	3	Permanent	Willfact	2	182 000	0
2	Brno	Adult	3	Permanent	Haemate P	1.4	140 000	6
3	Brno	Adult	3	Permanent	Haemate P	2.33	122 000	0
4	Plzeň	Adult	2	Permanent	Fanhdi	3	102 000	0

This slide shows consumption of factor concentrate in vWD patients on prophylaxis (often permanent). Number of persons with vWD on prophylaxis is low in CZ.