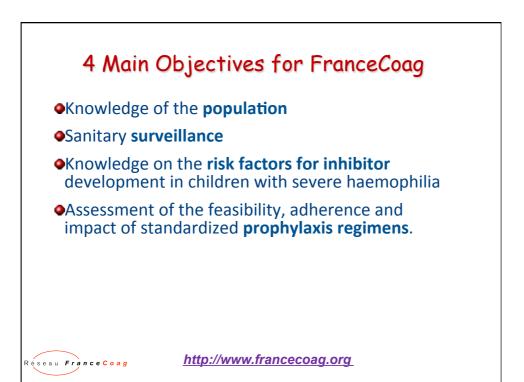
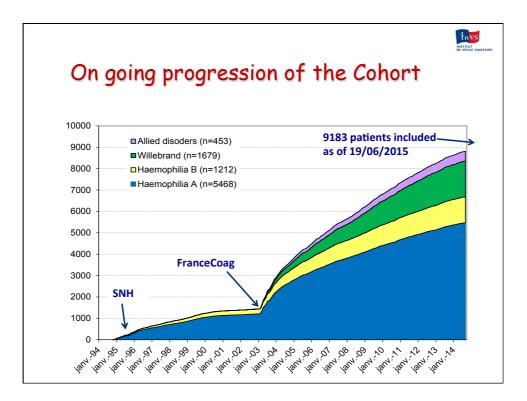
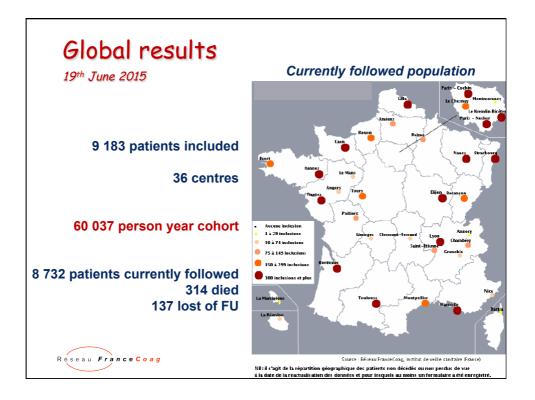


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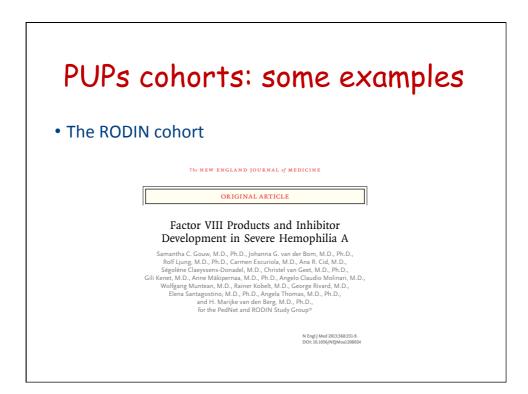


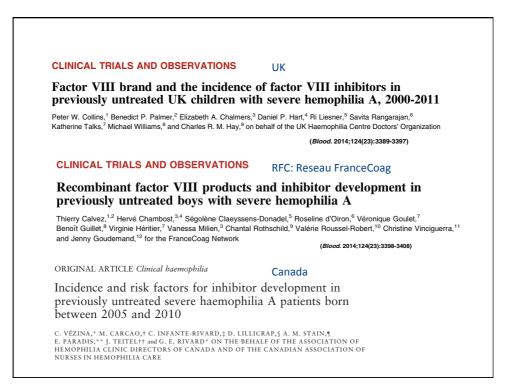






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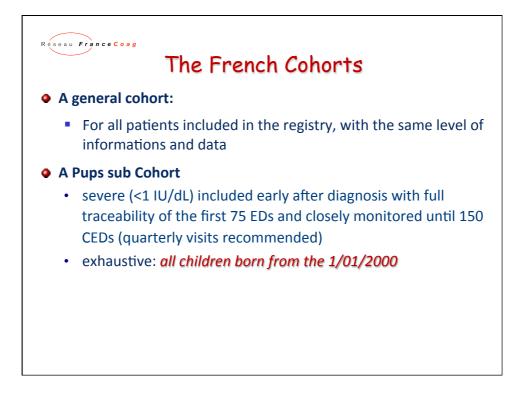


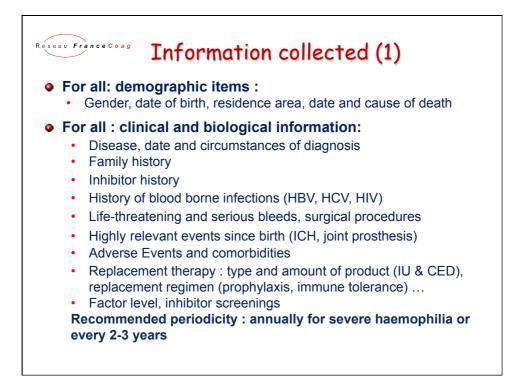
Table S1: Number of live male births, number of boys with hemophilia A (HA) and estimated prevalence of HA at birth in France during the period 1991-2013.

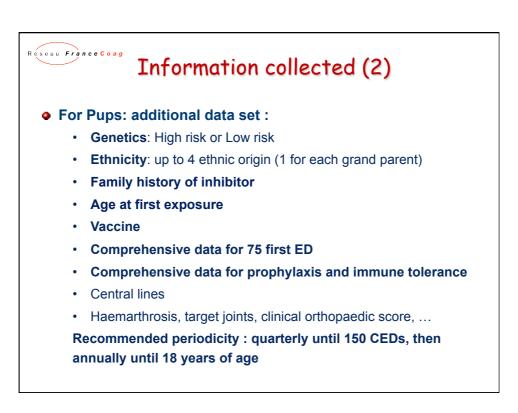
Year	No. of live male births *	No. of I	boys †	Prevalence (per 100 000 liv	
		Severe HA	All HA	Severe HA	All HA
Period 1991-2008					
1991	389 239	35	95	9,0	24,4
1992	381 744	31	82	8,1	21,5
1993	364 589	41	100	11,2	27,4
1994	364 277	35	99	9,6	27,2
1995	373 409	27	96	7,2	25,7
1996	377 003	43	101	11,4	26,8
1997	373 157	27	85	7,2	22,8
1998	378 075	27	81	7,1	21,4
1999	382 132	30	92	7,9	24,1
2000	397 352	38	91	9,6	22,9
2001	394 297	41	97	10,4	24,6
2002	389 981	37	94	9,5	24,1
2003	389 349	26	90	6,7	23,1
2004	393 477	26	80	6,6	20,3
2005	396 346	27	92	6,8	23,2
2006	407 846	41	95	10,1	23,3
2007	402 297	38	80	9,4	19,9
2008	406 784	44	74	10,8	18,2
Total	6 961 354	614	1624	8.8	23.3

\* Source: *Institut national d'études démographique (Ined)*. Births by sex. 2013. † Boys with hemophilia A included in the FranceCoag Network as of May 19, 2014.

Prevalence of HA at birth in France: 23.3 cases per 100 000 male live births supports the exhaustiveness of the inclusion in RFC

Calvez and al. Blood 2014 Supplemental material





	ion 5a - Le 2 Ce formulaire p	oremières 4-08-2015 Jeut être impr	<b>journée</b> imé soit sur 1	s d'exposition	on au FVI portrait, réduc	tion ≈40%),		iges (pays		on ≈61%)		ombre d'	EDs à la c	ouverte (1 découvert	e de l'inh	aissa 0,6 L iibiteu
leu	Si toute la large rnée d'expo			s à l'écran, modifie otif(s) de l'inje		-		matifa	nuísleou		e injection d	e FVIII a éte		nême date, nitement	ne pas com	pter ce Poie
Num	Date	Précision de date		Si saignement, Type		Douleur ou	Chirurgie (ou suites)		Tolérance		Motif non disponible	Produit (FVIII)	Modalité	,		POR
	(jj-mm-aaaa)	1: Date précise et vérifiée 2: Date imprécise ou estimée		1: Hémarthrose 2: Hématome 3: Sous-cutané 4: Muqueux 6: Intracrânien 7: Autre (->com. 8: Plaie cutanée 99: Non disponibl	]	0: Non 1: Oui	0: Non 1: Oui	0: Non 1: Oui	0: Non 1: Oui	0: Non 1: Oui	0: Non 1: Oui	Consignes pour la collecte)	1: Bolus 2: Perfusion continue 3: Autre (->comm.) 99: Non disponible	s		(en k
1	()) 0000	1	0	oo. Non asponio	0	0	0	0	0	0	0		1	1	apprince	(cirr
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3		1	0		0	0	0	0	0	0	0		1	1		
4		1	0		0	0	0	0	0	0	0		1	1		
5		1	0		0	0	0	0	0	0	0		1	1		1
_	<b>D:</b> Date Checkec	1? - 5 -5 -5 -1	Гуре о		ng : ha		throsis	5			Treat -FVIII -Bolu -Num -Unit	bran s, con ber	d nar ntinuo of inf	ous in		n

Fixed risk factors	RODIN	RFC	UK	CAN
	N: 574	N: 303	N: 407	N: 99
Date of birth	2000-2009	1991-2013	2000-2011	2005-2010
FVIII <1 IU/dL	574	303	407	91
Caucasian %	90.8	76.9	87.0	74.7
Family history of haemophilia with inhibitor (%)	14.5	11.0	10.0	ND
High risk F8 mutation	57.7	70.6	60.0	70
Median age at 1rst exposure to FVIII (IQR) - mo	9.8 (5.4-13.5)	10.4 (5.6-14.3)	9 (5.6-14.3)	9.5

Time varying	RODIN	RFC	UK	CAN
factors				
Initiation of prophylaxis within first 50 EDs %	71.6	47.9		
Median EDs at start of prophylaxis	17 (7-25)	20 (11-33)		
History of peak treatment on first EDs				
> 3 consecutive days	26.0	30.0		
> 5 consecutive days	17.1	16.5	13.8	(8.1%)
History of surgery during follow up (%)	25.1	12.5		6.1

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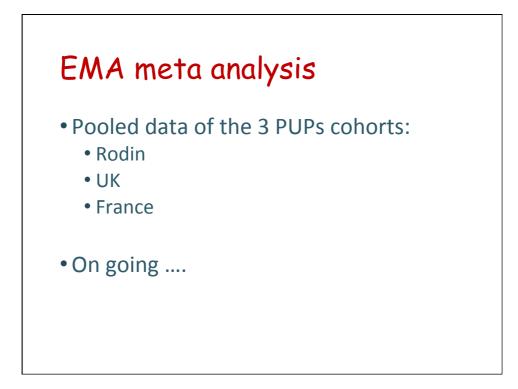
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	RODIN	RFC	UK	CAN
Clinically relevant inhibitors (%)	177 (30.8%)	114 (37.6)	118 (28.9)	34 (34.3)
Cumulative incidence at 75 EDs (IQ)	32.4 (28.5-36.3)	40.2 (34.8-46.2)	*	
Median CEDs	15 (10-20)	13 (8-19)	16 (9-30)	
High titers	116	63	60	24
Cumulative incidence at 75 EDs (IQ)	22.4 (18.8-26.0)	23.9 (19.1-29.6)	*	

Inhibito	r risk (	(adjust	ed)	
	RODIN	RFC	UK	CAN
Advate	1.00	1.00	1.00	
Kogenate Bayer (Helixate Nexgen)	1.60 (1.08-2.37)	1.55 (0.97-2.49)	1.75 (1.11-2.76)	
Recombinate	0.99 (0.53-1.83)	0.97 (0.40-2.37)	1.95 (0.62-6.2)	
Refacto	1.01 (0.60-1.70)	1.2 (0.47-3.08)	0.79 (0.36-1.73)	
Refacto AF	NA	NA	2.63 (1.26-5.47)	
			(1.20 3.47)	

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High titers (adjusted)							
	RODIN	RFC	UK	CAN			
Advate	1.00	1.00	1.00				
Kogenate Bayer (Helixate Nexgen)	1.79 (1.09-2.94)	1.56 (0.82-2.98)	2.14 (1.12-4.1)				
Recombinate	1.26 (0.61-2.61)	1.87 (0.59-5.89)	3.68 (0.88-15.35)				
Refacto	0.97 (0.49-1.91)	1.94 (0.54-6.91)	1.52 (0.57-4.04)				
Refacto AF	NA	NA	1.28 (0.33-5.00)				



## Cohort PUPs studies from registries: the real life

- Each PUPs should be included in a registry, at least national
- Strong necessity to define a minimum common and relevant data set
- And/or to organize the conditions of interoperability between registries
- In order to collect rapidly at an international level informations on inhibitor incidence in this population
- This is an urgent task as several new innovative concentrates will soon be introduced on the market with limited informations on their long term immunogenic risk.