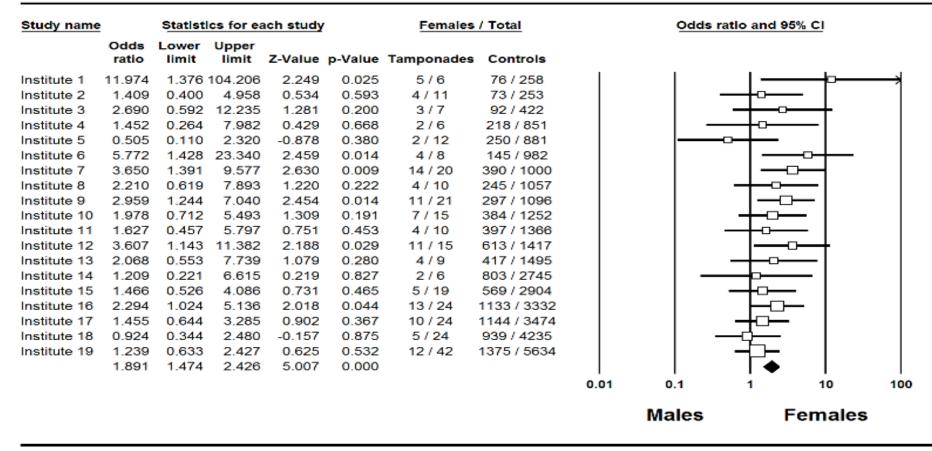
Women have a Two-fold Higher **Risk for Developing Cardiac Tamponade during AF Ablation Procedures: Results from a Multicenter International** Survey in 34,943 Cases.

Yoav Michowitz, Michael Rahkovich, Erica S. Zado, Silke John, Luigi Di Biase, Roger Winkle, Evgeny Mikhaylov, Yan Yao, Hildegard Tanner, Emanuele Bertaglia, Jean Champagne, Koichiro Kumagai, David Luria, Dmitry Lebedev, Paolo Della Bella, Mark E. Josephson, John M. Miller, Jeremy N. Ruskin, Andrea Natale, Christopher Piorkowski, Francis E. Marchlinski ,Bernard Belhassen.

No Disclosures

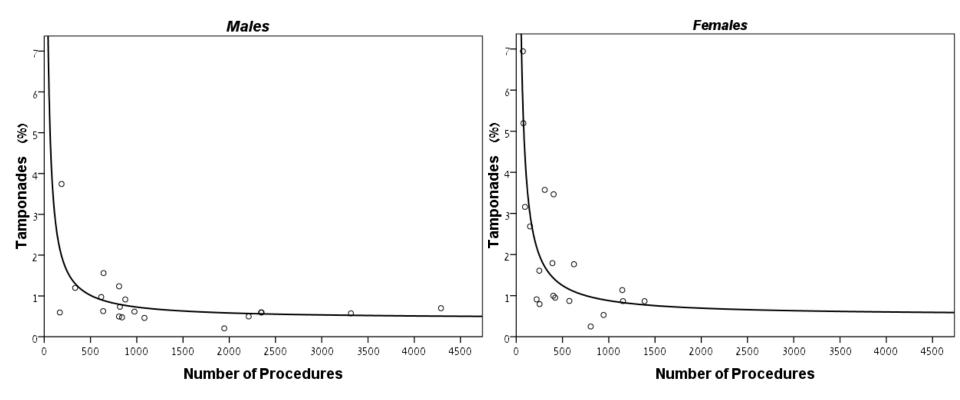
	Total			/	(Tamponade		Tamponade	1
Institution	Procedures	Tamponades	%	M	F	M	%	F	%
1	264	6	2.27	183	81	1	0.55	5	6.17
2	264	11	4.17	187	77	7	3.74	4	5.19
3	429	7	1.63	334	95	4	1.20	3	3.16
4	857	6	0.70	637	220	4	0.63	2	0.91
5	893	12	1.34	641	252	10	1.56	2	0.79
6	990	8	0.81	841	149	4	0.48	4	2.68
7	1020	20	1.96	616	404	6	0.97	14	3.47
8	1067	10	0.94	818	249	6	0.73	4	1.61
9	1117	21	1.88	809	308	10	1.24	11	3.57
10	1267	15	1.18	876	391	8	0.91	7	1.79
11	1376	10	0.73	975	401	6	0.62	4	1.00
12	1432	15	1.05	808	624	4	0.50	11	1.76
13	1504	9	0.60	1083	421	5	0.46	4	0.95
14	2751	6	0.22	1946	805	4	0.21	2	0.25
15	2923	19	0.65	2349	574	14	0.60	5	0.87
16	3356	24	0.72	2210	1146	13	0.50	11	1.13
17	3498	24	0.69	2344	1154	14	0.60	10	0.87
18	4259	24	0.56	3315	944	19	0.57	5	0.53
19	5676	42	0.74	4289	1387	30	0.70	12	0.87
					· · · · · · · · · · · · · · · · · · ·			/	
Total	34943	289	0.83	25261	9682	169	0.67	120	1.24

Table 1: Study patient cohort and incidence of cardiac tamponade among the participating centers.

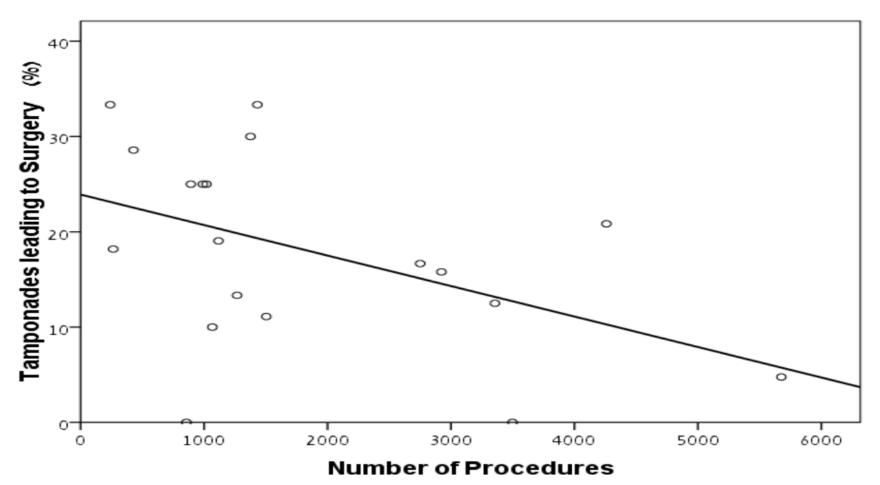


Number of Tamponades in Females vs. Males

Tamponades in relation to Center Volume



Tamponade management in correlation to center volume



Conclusions

- This large scale multicenter survey demonstrates a 90% higher risk of tamponade during AF ablation among women
- Rate of tamponade is low among skilled academic centers and it decreases with higher center experience (in both genders).
- Both, gender and center experience affects tamponade risk