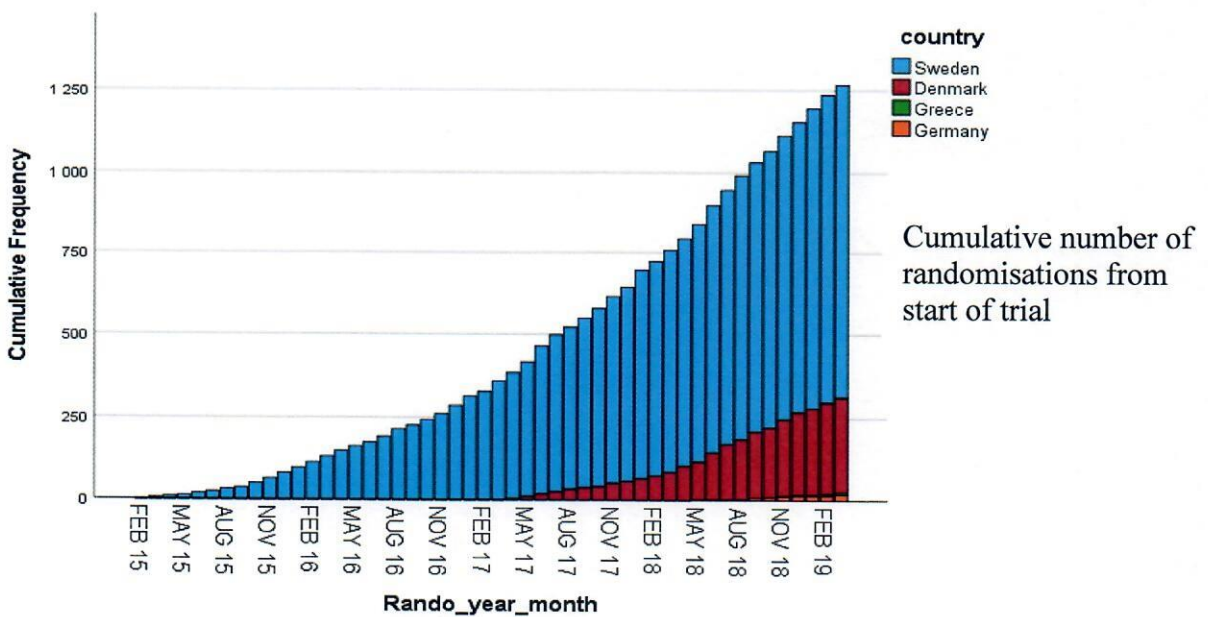
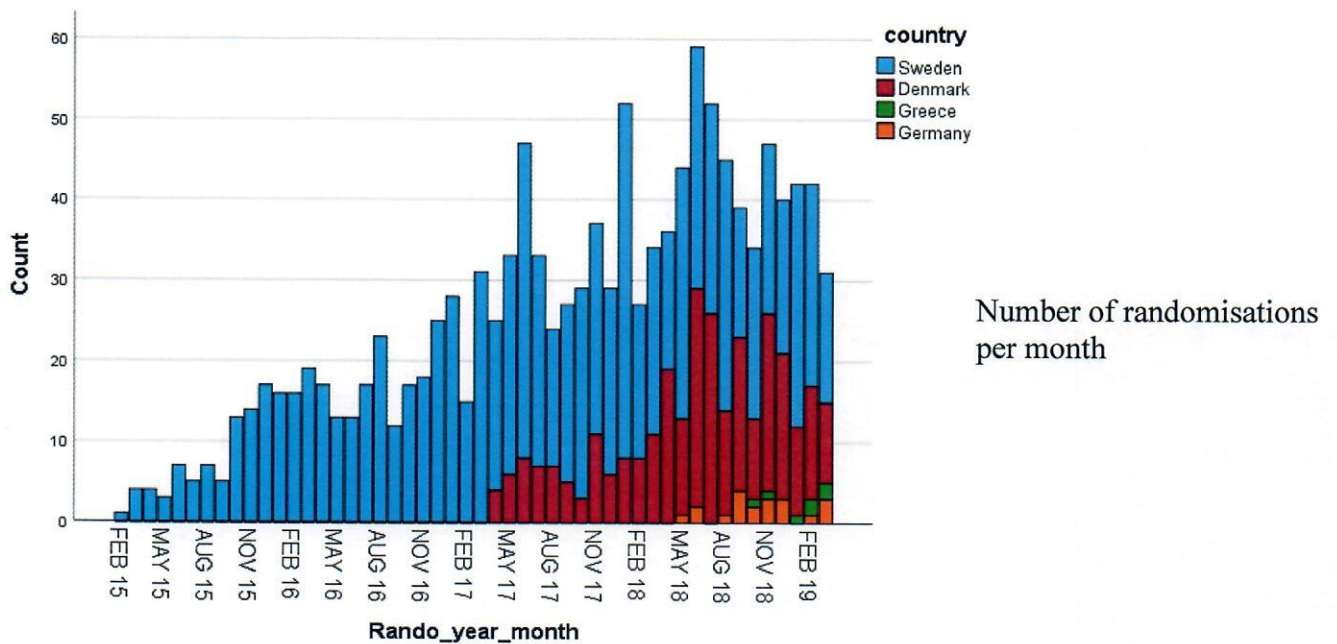


Dear contributors, colleagues and co-workers,

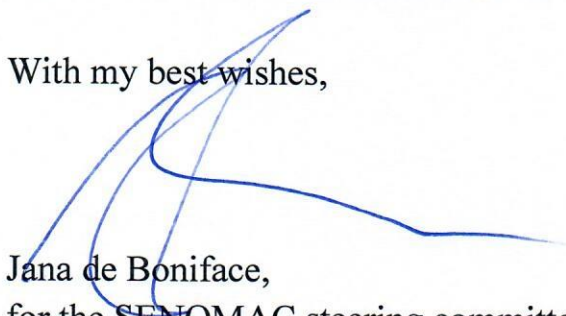
By today, March 19, we had registered **1268 randomized patients** from four countries with an average accrual rate of 43 per month since the last 12 months (range 34-59). Thank you all for your good work!



Recently, we have performed an external validity analysis of Swedish data from the years 2016 and 2017, comparing SENOMAC trial participants with eligible cases per site according to the Swedish National Breast Cancer Register (NKBC). As seen in many other clinical trials, there are signs for selection of patients with fewer sentinel node metastases of the middle age groups, with a higher rate of breast conservation in the trial population than seen in the eligible NKBC cases. I wish to remind you all that results will be implemented to a broad breast cancer population; it is crucial that all eligible patients, especially those planned for mastectomy, are considered for trial participation. This increases validity and subsequently generalizability of results. For the analysed Swedish sites, we will take individual contact with each site for feed-back on inclusion rates (with an average of 35% of cases according to data in the NKBC, ranging from 7.3% to 63.0%).

I want to thank you all for your valuable efforts for the SENOMAC trial. Please also see the **following table and figure. It would be appreciated if you could disseminate this newsletter to your colleagues and co-workers.**

With my best wishes,



Jana de Boniface,
for the SENOMAC steering committee and the sponsor Karolinska Institutet.
jana.de-boniface@ki.se or jana.de-boniface@capiostgoran.se

Table: Number of site-specific randomisations as of **March 19, 2019**

Please observe that this table only shows those sites that have generated randomisations as of today. For a list of all initiated sites, please see the trial homepage.

Site	Country	Initiation visit	First patient in	Number of randomisations
Karolinska	Sweden	2015-01-30	2015-02-27	93
Västerås	Sweden	2015-03-02	2015-04-14	42
S:t Göran	Sweden	2015-03-05	2016-06-07	100
Akademiska Uppsala	Sweden	2015-03-12	2016-02-14	36
Södersjukhuset	Sweden	2015-03-18	2015-11-24	71
Örebro	Sweden	2015-03-25	2015-10-01	37
Sahlgrenska	Sweden	2015-04-23	2015-06-10	76
Lund/Malmö	Sweden	2015-05-13	2015-10-13	74
Helsingborg	Sweden	2015-05-20	2015-07-23	33
Linköping	Sweden	2015-05-27	2016-11-03	63
Karlstad	Sweden	2015-05-28	2015-12-14	25
Lidköping/Skövde	Sweden	2015-06-04	2015-10-22	57
Uddevalla	Sweden	2015-06-04	2015-09-21	13
Kalmar	Sweden	2015-09-02	2016-03-03	15
Västervik	Sweden	2015-09-02	2016-02-18	24
Karlskrona	Sweden	2015-09-03	2015-12-14	6
Gävle	Sweden	2015-09-10	2015-12-30	29
Sundsvall	Sweden	2015-10-15	2015-10-29	35
Umeå	Sweden	2015-11-19	2016-02-10	32
Halmstad/Varberg	Sweden	2015-12-10	2016-02-17	25
Växjö	Sweden	2016-01-14	2016-03-23	23
Aarhus	Denmark	2016-11-28	2017-04-25	58
Randers	Denmark	2017-09-14	2017-11-07	18
Köpenhamn Rigshospitalet/Herlev	Denmark	2016-12-19	2017-04-20	112
Jönköping	Sweden	2017-01-20	2017-11-13	16
Kristianstad	Sweden	2017-03-20	2017-05-17	28
Borås	Sweden	2017-02-20	2018-09-14	3
Aabenraa	Denmark	2017-10-12	2017-12-13	33
Odense	Denmark	2017-11-22	2018-02-16	17
Esbjerg	Denmark	2017-12-12	2018-03-05	4
Viborg	Denmark	2017-11-03	2018-03-16	12
Aalborg	Denmark	2017-10-10	2018-02-07	24

Bad Langensalza	Germany	2018-04-04	2018-05-23	4
Rostock	Germany	2018-03-12	2018-06-07	8
Berlin Spandau	Germany	2018-04-19	2018-09-07	1
Laiko, Athens	Greece	2018-06-28	2018-10-12	4
Vejle	Danmark	2018-03-19	2018-11-07	7
Esslingen	Germany	2018-02-16	2018-10-26	1
Klinikum Kassel	Germany	2018-06-12	2018-11-22	1
Heraklion, Crete	Greece	2019-02-19	2019-03-07	1
Athens Euroclinic	Greece	2019-12-11	2019-02-12	2
Dresden	Germany	2018-05-02	2019-03-01	1
Hanau	Germany	2018-05-18	2019-02-12	1
Karlsruhe	Germany	2018-07-11	2018-12-18	1
Villingen-Schwenningen	Germany	2018-09-10	2018-12-28	1
Mittelbaden	Germany	2018-08-16	2019-03-13	1
Total				1268

Figure: Accumulated site-specific inclusion (only sites generating randomisations as of March 19th, 2019 are shown).

