

Contents lists available at [ScienceDirect](https://www.sciencedirect.com)**European Journal of Obstetrics & Gynecology and
Reproductive Biology**journal homepage: www.elsevier.com/locate/euro**29th European Congress of Obstetrics and Gynaecology (EBCOG)**

We thank the following reviewers for their contribution.

Athanasίου, Stavros (Greece) Ayres de Campos, Diogo (Portugal) Benedetto, Chiara (Italy) Boekhorst, Ferry (The Netherlands) Campo, Rudi (Belgium) Descamps, Philippe (France) Ferreira, Hélder (Portugal) Foessleitner, Philipp (Austria) Heikinheimo, Oskari (Finland) Karro, Helle (Estonia) Klanjscek, Jure (Slovenia) Kristufkova, Alexandra (Slovakia) Kwiatkowski, Sebastian (Poland) Ledin, Dmytro (Ukraine) Louwen, Frank (Germany) Mahmood, Tahir (United Kingdom) McAuliffe, Fionnuala (Ireland) Messinis, Ioannis (Greece) Motrenko, Tatjana (Montenegro) Mukhopadhyay, Sambit (United Kingdom) Müller, Michel (Switzerland) Nogueira Martins, Nuno (Portugal) Pakiz, Maja (Serbia) Rezeberga, Dace (Latvia) Rose, Karen (United Kingdom) Sieroszewski, Piotr (Poland) Tarlatzis, Basil (Greece) Tsiapakidou, Sofia (Greece) Velebil, Petr (Czech Republic)

Botha, Barend	EBCOG25-2131	Chantry, Anne	EBCOG25-2220
Boulvain, Michel	EBCOG25-2338	Charitos, Theodoros	EBCOG25-2246
Bounous, Valentina Elisabetta	EBCOG25-2155		EBCOG25-2354
	EBCOG25-2327		EBCOG25-2361
	EBCOG25-2328		EBCOG25-2378
	EBCOG25-2339	Chayka, Kyryl	EBCOG25-2281
Bournet, Barbara	EBCOG25-2153	Chekhunova, Anastasiia	EBCOG25-2098*
Boutas, Ioannis	EBCOG25-2092	Chen, Manman	EBCOG25-2027
Bratila, Elvira	EBCOG25-3025	Chen, Yiyuan	EBCOG25-2106
Brennan, Kiva	EBCOG25-2052	Chenniappan, Archana Devi	EBCOG25-2075*
	EBCOG25-2064	Chiofalo, Benito	EBCOG25-2193
Brenner, Walburgis	EBCOG25-2026	Chondros, Spyridon	EBCOG25-2354
Briken, Peer	EBCOG25-2470		EBCOG25-2361
Broeders, Lisa	EBCOG25-2170	Chouchene, Khaoula	EBCOG25-2171
Brueggmann, Doerthe	EBCOG25-2224	Choudhary, Amruta	EBCOG25-2040
Brütt, Anna Levke	EBCOG25-2470		EBCOG25-2043
Brusa, Adele	EBCOG25-2327*	Chrysafofoulou, Eleni	EBCOG25-2378
Brusselmans, Judith	EBCOG25-2155*	Chrzanowski, Jędrzej	EBCOG25-2486
Brzezinska, Olga	EBCOG25-2299	Chubei, Galyna	EBCOG25-2142
Buechel, Johanna	EBCOG25-2168*	Chudzik, Anita	EBCOG25-2315
Bumbuliene, Zana	EBCOG25-2446	Ciavattini, Andrea	EBCOG25-2132
	EBCOG25-2450	Cichon, Tomasz	EBCOG25-2349
	EBCOG25-2461	Ciocsirescu, Cristina	EBCOG25-2338
Burden, Christy	EBCOG25-2463	Cirkel, Christoph	EBCOG25-2143
Buscail, Etienne	EBCOG25-3031	Ciszek, Mateusz	EBCOG25-2349
Butt, Ayesha	EBCOG25-2153	Claerhout, Filip	EBCOG25-2501
	EBCOG25-2238	Cody, Declan	EBCOG25-2078
		Coelho, Beatriz	EBCOG25-2256*
C			EBCOG25-2269
Callanan, Sophie	EBCOG25-2064		EBCOG25-2459
	EBCOG25-2065		EBCOG25-2485*
	EBCOG25-2078*	Coimbra, Ana Carolina	EBCOG25-2449
	EBCOG25-2187	Colleran, Gabrielle	EBCOG25-2405
	EBCOG25-2190	Collicot, Mandy	EBCOG25-2082
Camilleri Agius, Rodianne	EBCOG25-2316		EBCOG25-2084
Campigotto, Beatrice	EBCOG25-2325*	Collinet, Pierre	EBCOG25-2215
Campo, Rudi	EBCOG25-3034	Corbett, Gillian	EBCOG25-2065*
Campos, Leticia Nunes	EBCOG25-2297		EBCOG25-2187
Campoy, Cristina	EBCOG25-3031		EBCOG25-2244
Cane, Jon	EBCOG25-2233	Corcoran, Siobhan	EBCOG25-2065
canha, carolina	EBCOG25-2484	Cordoba, Octavi	EBCOG25-2475
Canha, Carolina	EBCOG25-2355*	Coroleuca, Catalin-Bogdan	EBCOG25-3025
	EBCOG25-2366*	Coroleuca, Ciprian-Andrei	EBCOG25-3025
Carlin, Greta	EBCOG25-2145*	Correia, Vera	EBCOG25-3037*
Carmo, Olimpia	EBCOG25-2107		EBCOG25-3039*
Carroll, Stephen	EBCOG25-2405		EBCOG25-2337
Casolati, Elena	EBCOG25-2056	Cosma, Stefano	EBCOG25-2312
Castro, Fabiana	EBCOG25-2447*	cosma, stefano domenico	EBCOG25-2436
Catanzaro, Giuseppina	EBCOG25-2353	Costa, Jorge	EBCOG25-2436
Cavalla, Paola	EBCOG25-2333	Costa-Santos, Cristina	EBCOG25-2414
Cebi, Ceren	EBCOG25-2077	Costa Torro, Diego	EBCOG25-2328*
Cekuolis, Andrius	EBCOG25-2461*	Cotter, Paul	EBCOG25-2064
	EBCOG25-2489	Cotter, Paul D.	EBCOG25-2052
Çelebi, Elif Zahide	EBCOG25-2030*	Couto, Camila	EBCOG25-2269*
	EBCOG25-2031*		EBCOG25-2459*
	EBCOG25-2035*	Cruz, Adriana	EBCOG25-2476
Cerveira, Isabel	EBCOG25-2366	Cuccu, Ilaria	EBCOG25-2353
Cesnuleviciene, Aiste	EBCOG25-2495	Cuellar, Emmanuel	EBCOG25-2153
çetin, caglar	EBCOG25-2200	Cymbaluk-Ploska, Aneta	EBCOG25-2487
Çetinkaya Demir, Bilge	EBCOG25-3036	Czyz, Malgorzata	EBCOG25-2384
Chalent, Alexakis	EBCOG25-2246		
	EBCOG25-2354	D	
Chan, Lin Wai	EBCOG25-2023	D'Almeida, Rashmika	EBCOG25-2423
	EBCOG25-2467	D, Srinivasamurthy	EBCOG25-2021
chantalat, Elodie	EBCOG25-2161	da Cunha Rodrigues, Joana	EBCOG25-2448*
Chantalat, Elodie	EBCOG25-2153		EBCOG25-2449*
		Dai, Juncheng	EBCOG25-2134

McAuliffe, Fionnuala M	EBCOG25-2070	Möts, Annela	EBCOG25-2483
	EBCOG25-2078	Moggio, Giulia	EBCOG25-2327
	EBCOG25-2190	Mohamed, Dina	EBCOG25-2022*
McCormick, Aiden	EBCOG25-2144		EBCOG25-2374
McCormick, Ciara	EBCOG25-2144	Mohamed, Hamid Jan Bin Jan	EBCOG25-2070
	EBCOG25-2158*	Mohamed, Nada	EBCOG25-2188
	EBCOG25-2391	Moll, Etelka	EBCOG25-2028
McCullough, Liam	EBCOG25-2105	MONIER, Isabelle	EBCOG25-2277
	EBCOG25-2367	Monteiro, Sidonie	EBCOG25-2123*
	EBCOG25-2412	Moore, Brigita	EBCOG25-2231
McDonnell, Brian	EBCOG25-2065	Moorthiraj, Agnus	EBCOG25-2410
McDonnell, Ciara M	EBCOG25-2078		EBCOG25-2423
McGinty, Trish	EBCOG25-3015	morel, olivier	EBCOG25-2198
McMahon, Colin	EBCOG25-2405		EBCOG25-2199
McNeill, Esther	EBCOG25-2264*	MOREL, Olivier	EBCOG25-2160
	EBCOG25-2382	Morel, Olivier	EBCOG25-2247
Mealy, Grace	EBCOG25-2052		EBCOG25-2251
	EBCOG25-2064*		EBCOG25-2278
	EBCOG25-2393		EBCOG25-2279
Medina, Virna	EBCOG25-2391	Morgante, Carolina	EBCOG25-2431*
Meinhold-Heerlein, Ivo	EBCOG25-3040	Morini, Aurélien	EBCOG25-2465
Mélanie, Bellochio	EBCOG25-2247	Moritz, Anja	EBCOG25-2470
Melo, Ângela	EBCOG25-2321	Mosimann, Beatrice	EBCOG25-2168
	EBCOG25-2335	Mota, Raquel	EBCOG25-2417
Memmola, Massimiliano	EBCOG25-2113	Mota Sousa, Andreia	EBCOG25-2447
Mendes, Ana	EBCOG25-2436*	Moucho, Marina	EBCOG25-2257
	EBCOG25-2494		EBCOG25-2448
Mertsalova, Olga	EBCOG25-2098		EBCOG25-2449
Mesquita, Inês	EBCOG25-2355	Moutinho, Osvaldo	EBCOG25-3037
mesquita, ines	EBCOG25-2484*		EBCOG25-2109
messina, silvia	EBCOG25-2388	Mrzic Jagatic, Branka	EBCOG25-2469*
Messina, Silvia	EBCOG25-2216	Mu, Yan	EBCOG25-2005
	EBCOG25-2304	Mudra, Yuliia	EBCOG25-2474*
	EBCOG25-2365	Mueller, Michael	EBCOG25-2396
	EBCOG25-2386*	Mueller, Michael David	EBCOG25-2411
	EBCOG25-2431		EBCOG25-2499
Meyer, Ann-Christin	EBCOG25-2026	Mugisha, Jerome	EBCOG25-2053
Mézan de Malartic, Cécile	EBCOG25-2199*	Mukaj, Anisa	EBCOG25-2233
Miao, Jinwei	EBCOG25-2094	Mulligan, Karen	EBCOG25-2158
Micallef, Michaela	EBCOG25-2084	Mundle, Shuchita	EBCOG25-2043
Michail, Georgios	EBCOG25-2352	Muntean, Mihai	EBCOG25-2427*
	EBCOG25-2479		EBCOG25-2438
Michel, Laura	EBCOG25-2020		EBCOG25-2439
micheletti, leonardo	EBCOG25-2312	Murat Mehmed Ali, Merve	EBCOG25-2030
Middleton, Nicos	EBCOG25-2469		EBCOG25-2031
Mignacca, Andrea	EBCOG25-2401*	Muravska, Svitlana	EBCOG25-2291
Mikenaite, Migle	EBCOG25-2478	Murphy, Lucy	EBCOG25-2065
	EBCOG25-2495*		EBCOG25-2070
Mikula, Fanny	EBCOG25-2058		EBCOG25-2190*
	EBCOG25-2067*	Murphy, Niamh	EBCOG25-2091
Milic, Ivana	EBCOG25-2493*	Murphy Cruse, Annmarie	EBCOG25-2393
Mimica, Marko Drazen	EBCOG25-2276	Murthy, Vishakantha	EBCOG25-2021
Minella, Carola	EBCOG25-2339*	Mushfiq, Wesam	EBCOG25-3030
Miruzzi, Mark	EBCOG25-2316	Muzii, Ludovico	EBCOG25-2209
Miskova, Anna	EBCOG25-2068		EBCOG25-2353
	EBCOG25-2175	N	
	EBCOG25-2189	N.pandit, Suchitra	EBCOG25-3013*
	EBCOG25-2418*	Nagib, Hany	EBCOG25-2445
	EBCOG25-2419*	Nagineviciute, Milda	EBCOG25-2495
Mitchell, Deborah	EBCOG25-2210	Nahapetyan, Nelly	EBCOG25-2102
Mitsakou, Despoina	EBCOG25-2296	Najmeddin, Samira	EBCOG25-2077
Mitsiakos, Georgios	EBCOG25-2103	Nana, Melanie	EBCOG25-2391*
	EBCOG25-2104	Nápoles, Saritta	EBCOG25-2123
	EBCOG25-2108	Natale, Andrea Prisco Lorenzo	EBCOG25-2081
Mnikh, Ludmila	EBCOG25-2169	Natkanska-Malek, Agata	EBCOG25-2129*
Moczulska, Hanna	EBCOG25-2315		EBCOG25-2402

Pietrzyk, Dominika	EBCOG25-2487		EBCOG25-2380
Piksena, Marta	EBCOG25-2336	Restaino, Stefano	EBCOG25-2191
Pinto, Ana Marta	EBCOG25-2476		EBCOG25-2209
Pipa, António	EBCOG25-2358		EBCOG25-2213
	EBCOG25-2485	Revenko, Oleh	EBCOG25-2282*
Pitiriga, Celia	EBCOG25-2377	Reynolds, Ana	EBCOG25-2107
Pitkevica, Ieva	EBCOG25-2309		EBCOG25-2414
	EBCOG25-2336	Rezeberga, Dace	EBCOG25-2068
Pizzo, Federica	EBCOG25-2401		EBCOG25-2175
Pizzolanti, Giuseppe	EBCOG25-2432		EBCOG25-2189
Pluta, Dagmara	EBCOG25-2270		EBCOG25-2305
Pock, Tim	EBCOG25-3008		EBCOG25-2309
Poli, Alice	EBCOG25-2191		EBCOG25-2330
	EBCOG25-2213*		EBCOG25-2336
	EBCOG25-3024*		EBCOG25-2368
Poliakova, Yevheniia	EBCOG25-2282		EBCOG25-2418
Poluianova, Oksana	EBCOG25-2142		EBCOG25-2419
Poluyanova, Oksana	EBCOG25-2391	Rico Sofia, Alexandra	EBCOG25-3020
Poon, Liona	EBCOG25-2209	Ridnoi, Konstantin	EBCOG25-2318*
Porpora, Maria Grazia	EBCOG25-2447	Riethdorf, Sabine	EBCOG25-2020
Portela Carvalho, Ana	EBCOG25-2098	Ritter, Andreas	EBCOG25-2178
Potapova, Liliya	EBCOG25-2104		EBCOG25-2182*
Pouliakis, Abraham	EBCOG25-3041		EBCOG25-2287
Prausmueller, Suriya	EBCOG25-2309*	Rizou, Eftychia	EBCOG25-2181
Priedniece, Maija	EBCOG25-2336	Rizzo, Giuseppe	EBCOG25-2353
	EBCOG25-2180	Robba, Eleonora	EBCOG25-2337*
Prieto-Sánchez, María Teresa	EBCOG25-2295	Robson, Michael	EBCOG25-2399
Prikrylová Kucerova, Hana	EBCOG25-2083	rocca, laetitia	EBCOG25-2199
Prindl, Elvira	EBCOG25-2184	Rodriguez Herrera, Alfonso	EBCOG25-2144
Prodromidou, Anastasia	EBCOG25-2186	Rody, Achim	EBCOG25-2143
	EBCOG25-3022*	Roelens, Kristien	EBCOG25-2155
Proshchenko, Olha	EBCOG25-2379		EBCOG25-2429
Prudnikov, Pavlo	EBCOG25-2342	Rolfo, Alessandro	EBCOG25-2363
Prus, Katarzyna	EBCOG25-2323	Romanenko, Tamara	EBCOG25-2319
Psarris, Alexandros	EBCOG25-2326	Rooney, David James	EBCOG25-2100*
		Rosin, Elisa	EBCOG25-3020
Q		Ross, Jackie	EBCOG25-2416
Qayyum, Kashaf	EBCOG25-2275	Rosti, Eleonora	EBCOG25-2081
		Rostoka, Zane	EBCOG25-2309
R		Routsias, Ioannis	EBCOG25-2377
Racene, Laura	EBCOG25-2309	Rud, Viktor	EBCOG25-2135
	EBCOG25-2336		EBCOG25-2140
Raddatz, Lena	EBCOG25-2286	Rudzinski, Patryk	EBCOG25-2262
Raddatz, Lena-Maria	EBCOG25-2222*	Ruggeri, Giovanni	EBCOG25-2396*
Radkiewicz, Justyna	EBCOG25-2127*	Ruhland, Frank	EBCOG25-3038
	EBCOG25-2263*	Rull, Kristiina	EBCOG25-2055
ragni, elena	EBCOG25-2312*	Runge, Isabel	EBCOG25-3040
Railaite, Dalia Regina	EBCOG25-2460	Ruppert, Alicia Marie	EBCOG25-2053*
	EBCOG25-2478	Ryan, Gillian	EBCOG25-3015
Raksa, Valerija	EBCOG25-2068*	Rycerz, Aleksander	EBCOG25-2116
	EBCOG25-2305*		EBCOG25-2486*
	EBCOG25-2330		
	EBCOG25-2368		
Ramezani Tehrani, Fahimeh	EBCOG25-2442		
	EBCOG25-2457		
Ramzan, Tahira	EBCOG25-2471*		
	EBCOG25-2472*		
Randrup, Tina	EBCOG25-2440		
Rasch, Emmy	EBCOG25-2222		
Raspagliesi, Francesco	EBCOG25-2132		
Rauf, Sidra	EBCOG25-2271		
Ravimohan, Velauthapillai	EBCOG25-2410		
Refaat, Shimaa	EBCOG25-2066		
Reinholz-Jaskolska, Malgorzata	EBCOG25-2129		
	EBCOG25-2402		
Remorgida, Valentino	EBCOG25-2341		

S

Saber, Shelley	EBCOG25-2166	EBCOG25-2356
Sabonyte - Balsaitiene, Zivile	EBCOG25-2461	EBCOG25-2243
	EBCOG25-2463	EBCOG25-2248
Sachadel, Katarzyna	EBCOG25-2301	EBCOG25-2443*
	EBCOG25-2351	EBCOG25-2092
Saeed, Quratulain	EBCOG25-2275	EBCOG25-2093
Saei Ghare Naz, Marzieh	EBCOG25-2442*	EBCOG25-2376
	EBCOG25-2457*	EBCOG25-2400
Safdar, Babek Kahn	EBCOG25-2182	EBCOG25-2059
Saha, Laxmi	EBCOG25-2188	EBCOG25-3040
Sahin Keles, Ozlem	EBCOG25-2240*	EBCOG25-2020
Sahin Urfalioglu, Nazli Ece	EBCOG25-2077	EBCOG25-2324*
Said Muse Issa, Bashayir	EBCOG25-2456	EBCOG25-2324
Sakellariou, Maria	EBCOG25-2462	EBCOG25-2025
Salamanca, Tamara	EBCOG25-2411	EBCOG25-2092*
Saldova, Radka	EBCOG25-2052	EBCOG25-2093*
	EBCOG25-2064	EBCOG25-2337
	EBCOG25-2314	EBCOG25-2082
Saliba, Lara	EBCOG25-2117*	EBCOG25-2170
Salmon, Perrine	EBCOG25-2388	EBCOG25-2029
salvatore, stefano	EBCOG25-2216	EBCOG25-2065
Salvatore, Stefano	EBCOG25-2304	EBCOG25-2037
	EBCOG25-2365	EBCOG25-2038
	EBCOG25-2386	EBCOG25-3032
	EBCOG25-2431	EBCOG25-3033*
Samara, Athina	EBCOG25-2181*	EBCOG25-2153*
	EBCOG25-2185*	EBCOG25-2196
	EBCOG25-2296*	EBCOG25-2220
	EBCOG25-2345	EBCOG25-2077
	EBCOG25-2350	EBCOG25-3042
	EBCOG25-2362*	EBCOG25-2137*
Samardjiski, Igor	EBCOG25-2192*	EBCOG25-2281*
Samardziski, Igor	EBCOG25-2254	EBCOG25-2071*
Samir, Ashraf	EBCOG25-2006	EBCOG25-3027
Sanap, Arun	EBCOG25-2043	EBCOG25-2332*
Sande, Ragnar Kvie	EBCOG25-2179	EBCOG25-2226*
Sandsæter, Heidi Linn	EBCOG25-3029	EBCOG25-2328
Saner, Flurina Anna-Carina	EBCOG25-2411	EBCOG25-2327
Sanjug, Jadranka	EBCOG25-2087	EBCOG25-2006
Santos, Fernando	EBCOG25-2321	EBCOG25-2102
Santos, Joana	EBCOG25-2269	EBCOG25-2399*
	EBCOG25-2366	EBCOG25-2066
Sarafaraz, Ome Kulsoom	EBCOG25-2471	EBCOG25-2098
	EBCOG25-2472	EBCOG25-2098
Saribekyan, Yanek	EBCOG25-2170*	EBCOG25-2442
Sarkoen, Widyastuti	EBCOG25-2331	EBCOG25-2165
Sarta, Beate	EBCOG25-2309	EBCOG25-3018
Sasaran, Vladut	EBCOG25-2427	EBCOG25-2283
	EBCOG25-2438	EBCOG25-3004*
	EBCOG25-2439*	EBCOG25-2206
Savchuk, Ruslan	EBCOG25-2194	EBCOG25-2286*
Savona-Ventura, Charles	EBCOG25-2297	EBCOG25-2395
Savone, Delia	EBCOG25-2193	EBCOG25-2411
Sbisà, Paola	EBCOG25-2227	EBCOG25-2499
Scerri, Claudia	EBCOG25-2243	EBCOG25-2491*
	EBCOG25-2248	EBCOG25-2490*
Schaarschmidt, Wiebke	EBCOG25-2376	EBCOG25-2315
	EBCOG25-2400*	EBCOG25-2216
Scharf, Jann Lennard	EBCOG25-2143	EBCOG25-2304
Schasmin, Mirjam	EBCOG25-2055*	EBCOG25-2365
Scheele, Fedde	EBCOG25-2028	EBCOG25-2298*
		EBCOG25-2460*
Schembri, Martina		
Schiestl, Lina		
Schiestl, Lina J.		
Schmidt, Hannah		
Schmidt, Julia		
Schmidt, Nicole C.		
Schneeweiss, Andreas		
Schneider, Hartmut		
Schneider, Regina		
Schwab, Roxana		
Sciarrone, Andrea		
Scicluna, Carla		
Seal, Brian		
Segerer, Sabine		
Segurado, Ricardo		
Selimovic, Maja		
Selloua, Maria		
Semenchenko, Olena		
Senthiles, Loic		
Senturk, Levent M.		
Serafin-Zarzycka, Joanna		
Serbeniuk, Anastasiia		
Sergiienko, Anastasiia		
Serranito, Anabela		
Sessler, Emma Carolin Henrike		
Sexton, Kate		
Sgro', Luca Giuseppe		
Sgrò, Luca		
Shaban, Dina		
Shahverdyan, Nune		
Shanley, Emma		
Shawkey, Sherwet		
Shcherbina, Iryna		
Shcherbyna, Mykola		
Sheidaei, Ali		
Shen, Qinxin		
Sheng, Chenchen		
Shpak, Igor		
Shtylla, Arjan		
Shutak, Mariya-Violetta		
Siebelitz, Esther		
Siegenthaler, Franziska		
Sieroszezewska, Diana		
Sieroszewski, Aleksander		
Sieroszewski, Piotr		
Siesto, Gabriele		
Siksaliete, Ieva		
Simanauskaitė, Atėnė		

identify which clinical and imaging variables are important for this strategy and how patients should be followed-up.

Keywords: SHiP, Endometriosis, Imaging, Management.

doi: [10.1016/j.ejogrb.2025.114168](https://doi.org/10.1016/j.ejogrb.2025.114168)

Selected Oral Presentation

EBCOG25-2098

GYNAECOLOGY-> Endometriosis

Adenomyosis-associated macrophages as pathogenetic factors of the disease

Anastasiia Chekhunova^{a,*}, Mykola Shcherbyna, Liliya Potapova, Iryna Shcherbina, Olga Mertsalova, Marina Strakhovetska

Kharkiv National Medical University, Kharkiv, Ukraine

* Presenting author.

E-mail address: assiagirl@ukr.net (A. Chekhunova)

Summary of Abstract: The study expands the understanding of the immunopathogenesis of adenomyosis, accompanied by an increase in the number of proinflammatory macrophages in the uterine microenvironment.

Introduction/Background: Adenomyosis is one of the unsolved mysteries of gynaecology.

Particular attention is paid to the formation of adenomyosis against the background of changes in the local immune components of the uterine. The process of infiltration of the basal layer of the endometrium into the myometrium is possible in case of a disruption of the uterine microenvironment, of which macrophages are an important component.

Objectives: The study of adenomyosis-associated macrophages and their possible role in the remodelling of uterine tissue structures will broaden the understanding of the pathogenesis of this disease.

Methods: Forty-five women were examined. Of these, 30 (66.7%) had adenomyosis. The control group consisted of 15 (33.3%) gynaecologically healthy women. Fragments of the uterine wall obtained by hysteroresectoscopy were used for morphological study. Immunohistochemical determination and evaluation of CD68+ and CD163+ cells were performed using the streptavidin-peroxidase method. Samples were subjected to immunohistochemical (IHC) examination, which was performed according to the standard protocol of the IHC method for paraffin blocks.

Results/Discussion: In the IHC study with mAb to CD68+ and CD163+ in the endometrium of the basal layer, slightly higher expression of these markers was found compared to the control group, with the number of CD68+ positive cells (52.53 ± 1.25) being higher than in the CD163+ (43.19 ± 1.54), which may indicate the proinflammatory changes.

Conclusion: The obtained data indicate that in adenomyosis there is an immunopathological process accompanied by an increase in the number of macrophages in the uterine wall. The main result of the study is an increase in the quantitative indices of CD68+ and CD163+ with the former prevailing over the latter. **Keywords:** Adenomyosis, Microenvironment, Immunohistochemical study, Myometrium, Macrophages.

doi: [10.1016/j.ejogrb.2025.114169](https://doi.org/10.1016/j.ejogrb.2025.114169)

Case Report Video Slide Show

EBCOG25-2099

FETAL-MATERNAL MEDICINE-> Medical disorders in pregnancy

Rare case of Benzylpenicillin induced severe Postpartum Acute Kidney Injury in 39-year-old

Samar Ahmed^{a,*}, Ramya Baskaran, Heather Langan

Sligo University Hospital, Sligo, Ireland

* Presenting author.

E-mail address: smarah_998@hotmail.com (S. Ahmed)

Summary of Abstract: Rare Postpartum Acute Kidney Injury in 39-year-old para 1 + 2, no definite cause despite rigorous investigations by MDT, only probable cause being Benzylpenicillin.

Introduction/Background: Rare Postpartum Acute Kidney Injury (PPAKI) varies in severity, has high maternal mortality rate, with eventual causal deduction. However, we present case of 39-year-old para 1 + 2, 5 days postpartum, bloods taken for one vomiting episode, with asymptomatic peak Creatinine (Cr) = 1408, K+ = 6, eGFR = 2. Despite thorough investigations by Multi-Disciplinary Team (MDT) members, no definite conclusion. Probable cause is Benzylpenicillin 3 g IV loading dose given twice, with five maintenance doses, on background PPRM at 32 + 1/40.

Spontaneous pregnancy, aspirin commenced at booking for raised BMI = 36.5. Polyhydramnios from 29 + 4/40. Past obstetric history - two miscarriages. No past medical or surgical history. SVD at 32 + 5/40. No pre-eclampsia or postpartum haemorrhage.

Objectives: Given previously normal renal function, her severe PPAKI needed four dialysis and ICU admission.

Methods: Bloods: Haemolysis study (negative), Viral screen (non-reactive), antiGBM (negative), ANCA (negative), C3 (normal), C4 (normal), SPEP (hypogammaglobulinemia), anti-ds DNA (negative), anti ENA (negative), Beta2 microglobulin (normal), Thrombophilia screen (normal), Haptoglobin (normal), uPCR = 62 mg/mmol, uACR = 74.7 mg/mmol. Scans: Ultrasound bilateral kidneys - Both kidneys normal size, echotexture. CT Abdomen Pelvis and Kidneys with contrast - No hydronephrosis or structural abnormality, patient renal vasculature. Placenta histology: Third trimester with peripheral subacute, chronic infarctions and acute chorioamnionitis.

Results/Discussion: Post dialysis, her creatinine rose. Prednisolone 60 mg and dialysis trialed, Cr improved to 321.

Anti-hypertensives commenced, with nephrology follow up. Renal biopsy with MDT: U/S guided renal biopsy done, meeting pending.

Conclusion: This case stumped numerous MDT. Literature search yielded no data for severe Benzylpenicillin induced PPAKI, presenting this case as unprecedented, needing further research. **Keywords:** Postpartum AKI, Benzylpenicillin.

doi: [10.1016/j.ejogrb.2025.114170](https://doi.org/10.1016/j.ejogrb.2025.114170)

Oral Presentation

EBCOG25-2100

OBSTETRICS-> Intrapartum and peripartum care, including PPH and lactation

Postnatal debriefing practices after unexpected intrapartum interventions at the world's oldest maternity hospital

David James Rooney^{a,*}, Parijot Kumar^b, Fiona O'Toole^a, Yasmine Abushara^b, Rana Jallad^b, Sumaira Tariq^c, Michael Geary^b

^aThe National Maternity Hospital, Dublin, Ireland

^bThe Rotunda Hospital, Dublin, Ireland

^cUniversity Hospital Galway, Galway, Ireland

* Presenting author.

E-mail address: djrooney@tcd.ie (D.J. Rooney)

Summary of Abstract: Current rates of postnatal debriefing after unexpected intrapartum interventions are high while the quality of debriefing, particularly in relation to patient education, requires improvement.

Introduction/Background: Unexpected intrapartum interventions (e.g. emergency caesarean section) are stressful and time sensitive events. Post-delivery debriefing enables women to discuss their birth experi-