

Supplementary data

Table S1. Demographic, clinical and outcome characteristics of the 25 pregnant women with infective endocarditis.

Age, country of origin	Previous heart disease	Gestational age at IE diagnosis	Type of IE	Etiology	Echocardiographic findings	IE complications	Antimicrobial treatments (total duration)	Surgery	Maternal and fetal complications	IE Outcome
30, Morocco	Rheumatic mitral and aortic valves disease	17 weeks	Native	<i>Streptococcus mitis</i>	Vegetation	Heart failure with cardiogenic shock	Penicillin plus gentamicin (34 days)	Yes (aortic and mitral valves replacements)	Curettage and pregnancy loss (18w+4)	Cured
40, Spain	Pacemaker due to congenital atrioventricular block	9 weeks and 5 days	CIED	<i>Methicillin-susceptible Staphylococcus epidermidis</i>	Vegetation	Pulmonary thromboembolism	Cloxacillin (28 days)	Yes (pacemaker exchange)	Cava vein thrombosis and postpartum uterine hematoma	Cured
29, Spain	Transcatheter pulmonary valve due to pulmonary atresia and septal ventricular defect	26 weeks and 3 days	Prosthetic	<i>Haemophilus parainfluenzae</i>	Vegetation, prosthesis obstruction	Septic shock	Ceftriaxone (43 days)	No	No	Cured
38, Brazil	Aortic and mitral prosthesis due to rheumatic valve disease	7 weeks and 2 days	Prosthetic	Unknown	Vegetation, valve regurgitation and prosthesis obstruction	Heart failure and ischemic stroke	Ceftriaxone (34 days)	Yes (aortic and mitral valves replacements)	Curettage and pregnancy loss (9w+1)	Cured
28, Argentina	Mitral prosthesis due to rheumatic valve disease	24 weeks	Prosthetic	<i>viridans group Streptococcus</i>	Vegetation and fistula	No	Ceftriaxone (42 days)	No	No	Cured
25, France	Aortic prosthesis due to rheumatic valve disease	31 weeks	Prosthetic	<i>Streptococcus sanguis</i>	Vegetation, valve regurgitation and perivalvular abscess	Septic paravalvular complication	Amoxicillin plus gentamicin (30 days)	Yes (aortic and mitral valves replacements plus tricuspid valvuloplasty)	Urgent cesarean section and premature birth needing ICU admission (31w+5)	Cured
30, France	No	10 weeks	Native	<i>Lactobacillus</i> sp.	Vegetation and valve regurgitation	Heart failure	Amoxicillin (30 days)	Yes (mitral valve replacement)	No	Cured

33, France	Pacemaker due to congenital atrioventricular block	13 weeks	CEID	Methicillin-susceptible <i>Staphylococcus aureus</i>	None	No	Cloxacillin (48 days)	Material removal not performed because it was technically very difficult	No	Relapse needing CIED extraction
40, France	No	26 weeks and 4 days	Native	<i>Streptococcus oralis</i>	Vegetation and valve perforation and regurgitation	No	Vancomycin plus gentamicin, daptomycin (32 days) *patient allergic to betalactams	Yes (mitral valvuloplasty)	Urgent cesarean section and premature birth needing ICU admission (26w+6)	Cured
34, France	Aortic valve prosthesis due to bicuspid aortic valve	30 weeks	Prosthetic	<i>Streptococcus oralis</i>	Vegetation	No	Amoxicillin plus gentamicin (41 days)	No	Urgent cesarean section and premature birth (34w)	Relapse needing valve surgery
35, France	Aortic valve prosthesis due to bicuspid aortic valve	30 weeks	Prosthetic	<i>Cardiobacterium hominis</i>	Vegetation, valve regurgitation and perivalvular abscess	Septic paravalvular complication and kidney and spleen embolisms	Ceftriaxone (56 days)	Yes (aortic prosthetic valve replacement)	Urgent cesarean section and premature birth (32w)	Cured
25, Guinea Konakry	No	34 weeks	Native	Unknown	Large vegetation	No	Amoxicillin plus gentamicin, teicoplanin (51 days)	Yes (mitral valve replacement)	Emergency cesarean section due to fetal distress and premature birth (34w)	Cured
41, France	No	16 weeks	Native	<i>Enterococcus faecalis</i>	Vegetation and valve regurgitation	Ischemic stroke	Amoxicillin plus ceftriaxone (45 days)	Not performed due to high risk for the fetus	No	Cured
40, France	Bicuspid aortic valve (not known before endocarditis episode)	32 weeks	Native	<i>Streptococcus oralis</i>	Vegetation, valve regurgitation and perivalvular abscess	Heart failure, septic valvular complication, and cerebral mycotic aneurysm	Amoxicillin, ceftriaxone (31 days)	Yes (aortic valve replacement)	Urgent cesarean section and premature birth (32w+3)	Cured
35, Nigeria	No	33 weeks and 4 days	Native	Methicillin-susceptible <i>Staphylococcus aureus</i>	Vegetation and valvular regurgitation	Heart failure	Cloxacillin (78 days)	Yes (mitral valvuloplasty)	Emergency cesarean section and premature birth (33w+5)	Cured

19, France	No	32 weeks	Native	<i>Streptococcus sanguinis</i>	Vegetation and valvular regurgitation	Heart failure and spleen embolism	Amoxicillin plus gentamicin (37 days)	Yes (mitral valve replacement)	No	Cured
29, France	No	34 weeks	Native	<i>Streptococcus mitis</i>	Vegetation and valvular regurgitation	Acute renal insufficiency	Amoxicillin plus gentamicin (29 days)	Yes (aortic valve replacement)	Urgent cesarean section and premature birth (34w+1)	Cured
25, India	Rheumatic valve disease	31 weeks	Native	<i>Streptococcus mutans</i>	Vegetation and valvular regurgitation	Heart failure	Amoxicillin (32 days)	Yes (mitral valve replacement)	Urgent cesarean section and premature birth (31w)	Cured
30, France	Congenital heart disease (double outlet right ventricle + subaortic stenosis) and pacemaker	12 weeks	Native	<i>Enterococcus faecalis</i>	Vegetation and valvular regurgitation	Heart failure	Amoxicillin plus gentamicin (6 days)	Yes, but died in the operative room due to biventricular failure	Maternal death and gestational loss (12w+6)	Death during surgery
24, France	No	35 weeks	Native	<i>Haemophilus parainfluenzae</i>	Vegetation, valve regurgitation and perivalvular abscess	Septic paravalvular complication and heart failure	Amoxicillin plus gentamicin (41 days)	Yes (aortic valve replacement)	No	No follow-up
33, unknown	No	16 weeks	Native	viridans group <i>Streptococcus</i>	Vegetation and valve regurgitation	Heart failure	Amoxicillin plus gentamicin (28 days)	Yes (mitral valve replacement)	No	Cured
36, France	No	33 weeks and 4 days	Native	<i>Candida albicans</i>	Vegetation	Pulmonary embolism	Micafungin, fluconazol (81 days)	No	Chorioamnionitis and ovarian vein thrombosis plus preterm birth and candidemia of newborn (33w+4)	Cured
34, France	Mitral valve prolapse (not known before endocarditis episode)	22 weeks	Native	Methicillin-susceptible <i>Staphylococcus aureus</i>	Valve regurgitation and chord rupture	Heart failure	Cefazolin (74 days)	Yes (mitral valve replacement)	Urgent cesarean section and fetal death (24w+3)	Cured
38, Nigeria	No	32 weeks	Native	<i>Enterococcus faecalis</i>	Vegetation and valve regurgitation	Heart failure	Amoxicillin plus gentamicin (30 days)	Yes (aortic valvuloplasty)	No	Cured

25, France	Aortic and mitral prosthesis due to rheumatic valve disease	30 weeks	Prosthetic	Methicillin-resistant <i>Staphylococcus epidermidis</i>	Vegetation	Postoperative embolism in the in the right coronary artery	Daptomycin plus gentamicin plus rifampin (28 days)	Yes (mitral and aortic valve replacement)	Urgent cesarean section and premature birth (31w+2)	Cured
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