

Supplementary file:

Figure S1. Recruitment and confirmed *Viridans Group Streptococci* (VGS) cases by participating centers in Khyber Pakhtunkhwa.

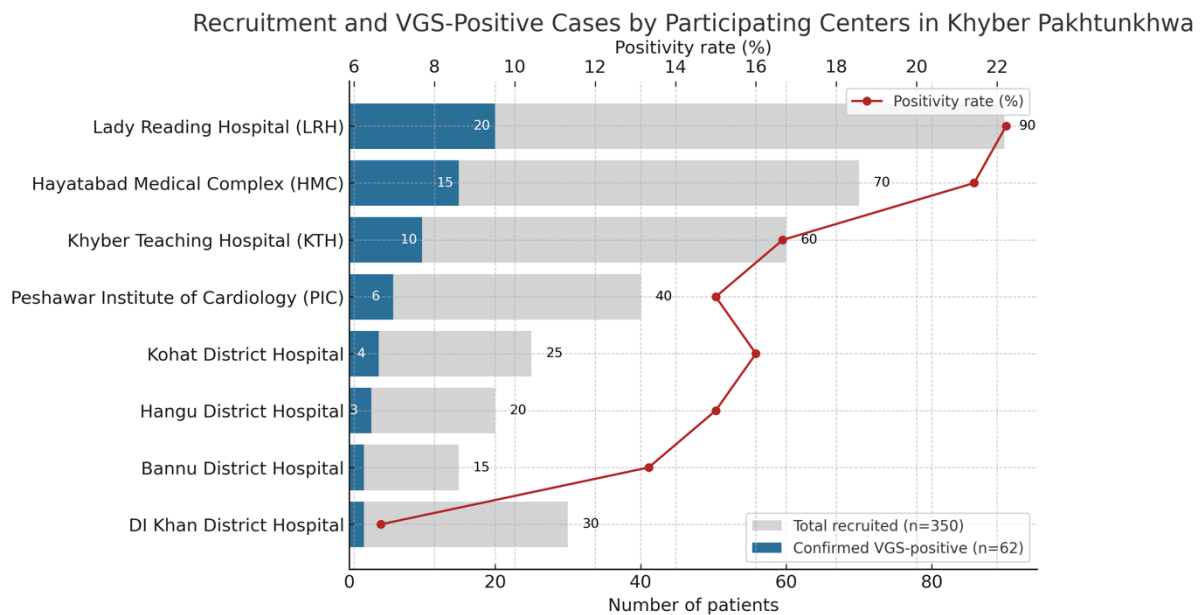


Figure S1. Recruitment and confirmed *Viridans Group Streptococci* (VGS) cases by participating centers in Khyber Pakhtunkhwa.

Horizontal bars indicate the total number of clinically suspected infective endocarditis patients recruited from each participating center (total $n = 350$). Blue segments show the number of confirmed VGS-positive cases detected by culture and/or PCR ($n = 62$). The red line (secondary x-axis) denotes the center-specific positivity rate (%) for VGS. Participating centers included the three largest tertiary cardiology hospitals in Peshawar: Lady Reading Hospital (LRH), Hayatabad Medical Complex (HMC), and Khyber Teaching Hospital (KTH) the Peshawar Institute of Cardiology (PIC) (provincial referral and interventional cardiology centre), and district-level hospitals in Kohat, Hangu, Bannu, and D.I. Khan. The figure illustrates the institutional contribution to recruitment and relative diagnostic yield across tertiary and district hospitals.

Table S2. Distribution of recruited patients and confirmed VGS-positive cases across participating hospitals in Khyber Pakhtunkhwa

Hospital / Center	Location Type	Total Patients Recruited (n)	Confirmed VGS-Positive Cases (n)	Positivity Rate (%)
Lady Reading Hospital (LRH)	Tertiary (Cardiology Unit, Peshawar)	90	20	22.2
Hayatabad Medical Complex (HMC)	Tertiary (Cardiology Unit, Peshawar)	70	15	21.4
Khyber Teaching Hospital (KTH)	Tertiary (Cardiology Unit, Peshawar)	60	10	16.7
Peshawar Institute of Cardiology (PIC)	Specialized Cardiology & Cardiac Surgery Institute	40	6	15.0
Kohat District Hospital	District Level	25	4	16.0
Hangu District Hospital	District Level	20	3	15.0
Bannu District Hospital	District Level	15	2	13.3
D.I. Khan District Hospital	District Level	30	2	6.7
Total	—	350	62	17.7 (Overall)