

Treatment Outcomes among Drug Sensitive Tuberculosis Patients - Joe Gqabi District, Eastern Cape Province, 2019 - 2020

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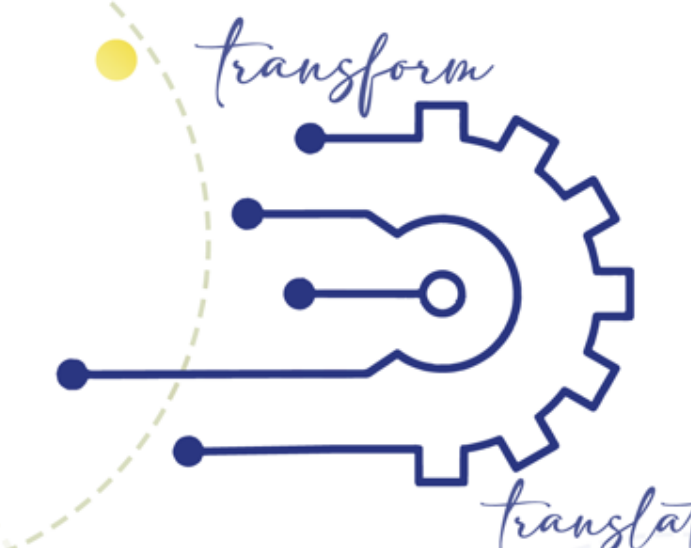
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TRANSFORMING RESEARCH
TRANSLATION-
REIMAGINING
PUBLIC HEALTH EVIDENCE,
POLICIES, AND PRACTICE



BACKGROUND

- The World Health Organization (WHO) estimated that 1, 5 million people died from TB in 2020 globally
 - With 66 million lives saved through TB diagnosis & treatment between 2002 & 2020
- South Africa (SA) has the eighth highest TB incidence globally at a rate of 537 per 100,000 population per year
- South Africa TB treatment success rate – 79.2% (2018)
- TB treatment success rate target - 90%

OBJECTIVES

- To describe demographic TB cases and to determine treatment outcomes of cases in Joe Gqabi District from 2019 to 2020

METHODOLOGY

- A descriptive study
 - Secondary data from TIER. Net system at Joe Gqabi District (JGD) for 2019 - 2020
- Patients had successful treatment outcomes if they completed treatment/were cured, and unsuccessful if they had treatment failure/ lost-to-follow-up/ died
- Summary statistics were used to summarise data using Microsoft Excel 2013

SETTING: JOE GQABI DISTRICT (JGD)

Figure 1: Study setting, JGD, Eastern Cape Province, SA, 2019-2020



Source: Municipalities of South Africa, (2023)

RESULTS

Figure 2: TB treatment by gender & age group, JGD, EC Province, SA, 2019 - 2020 (N = 2950)

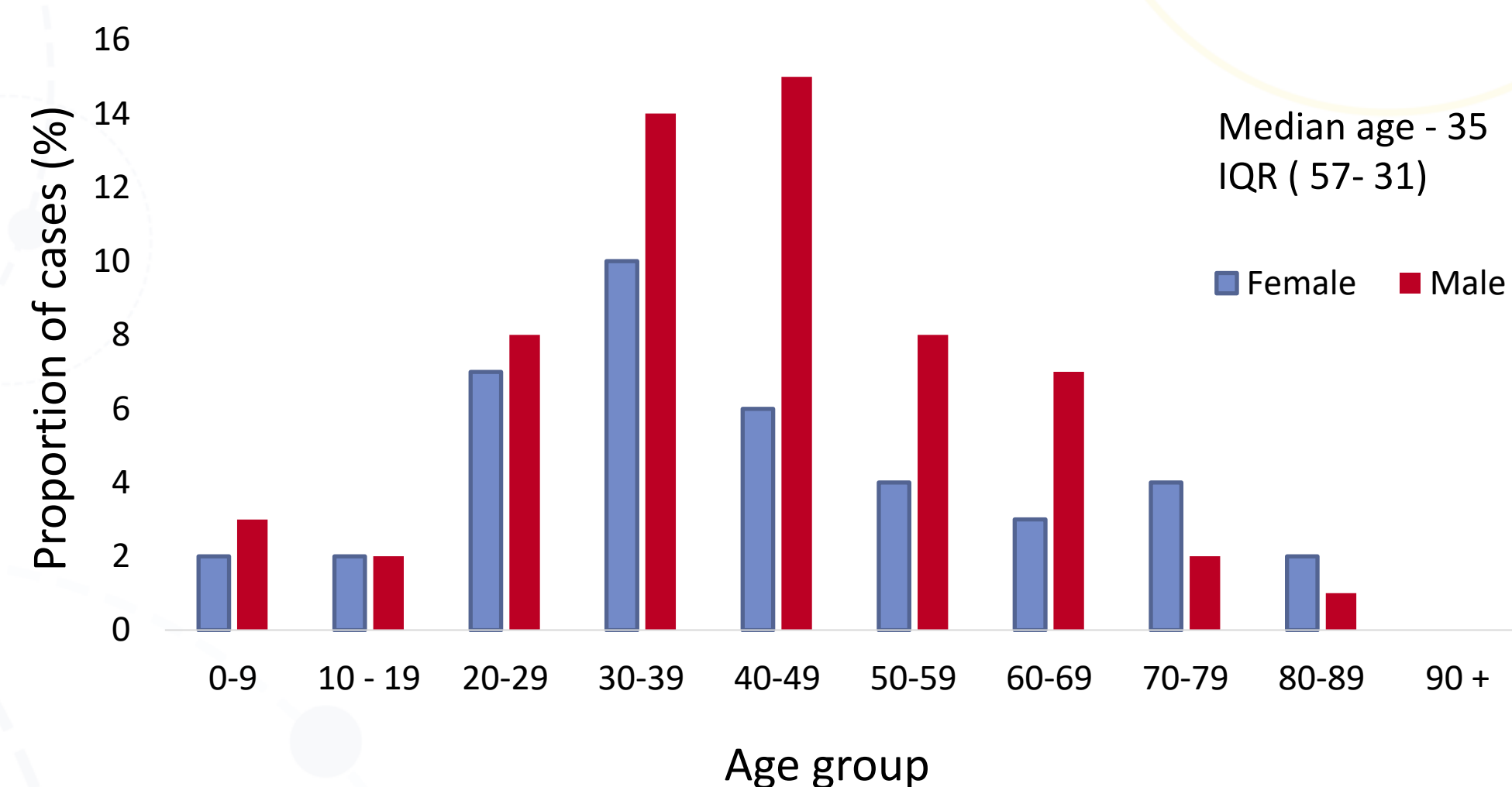
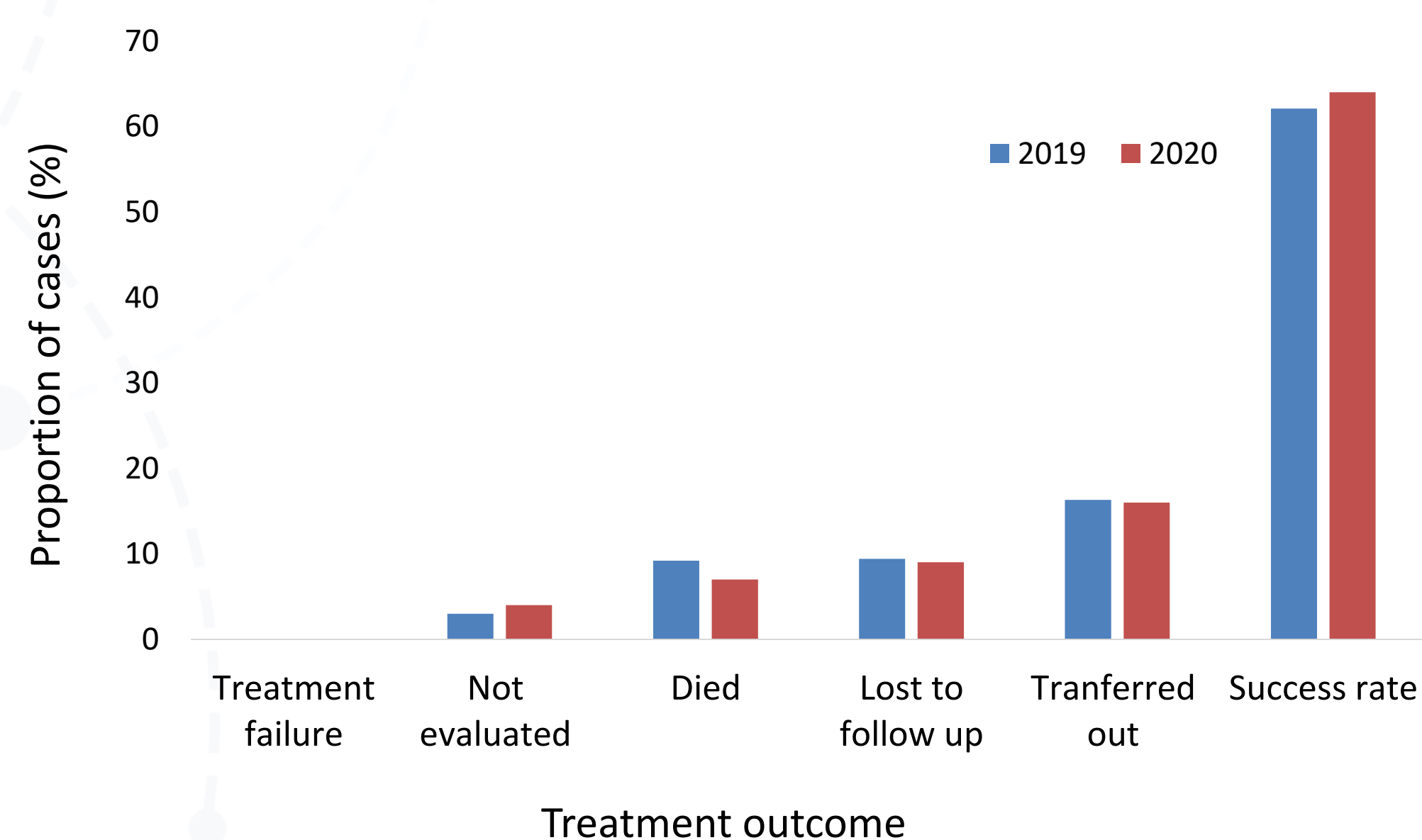
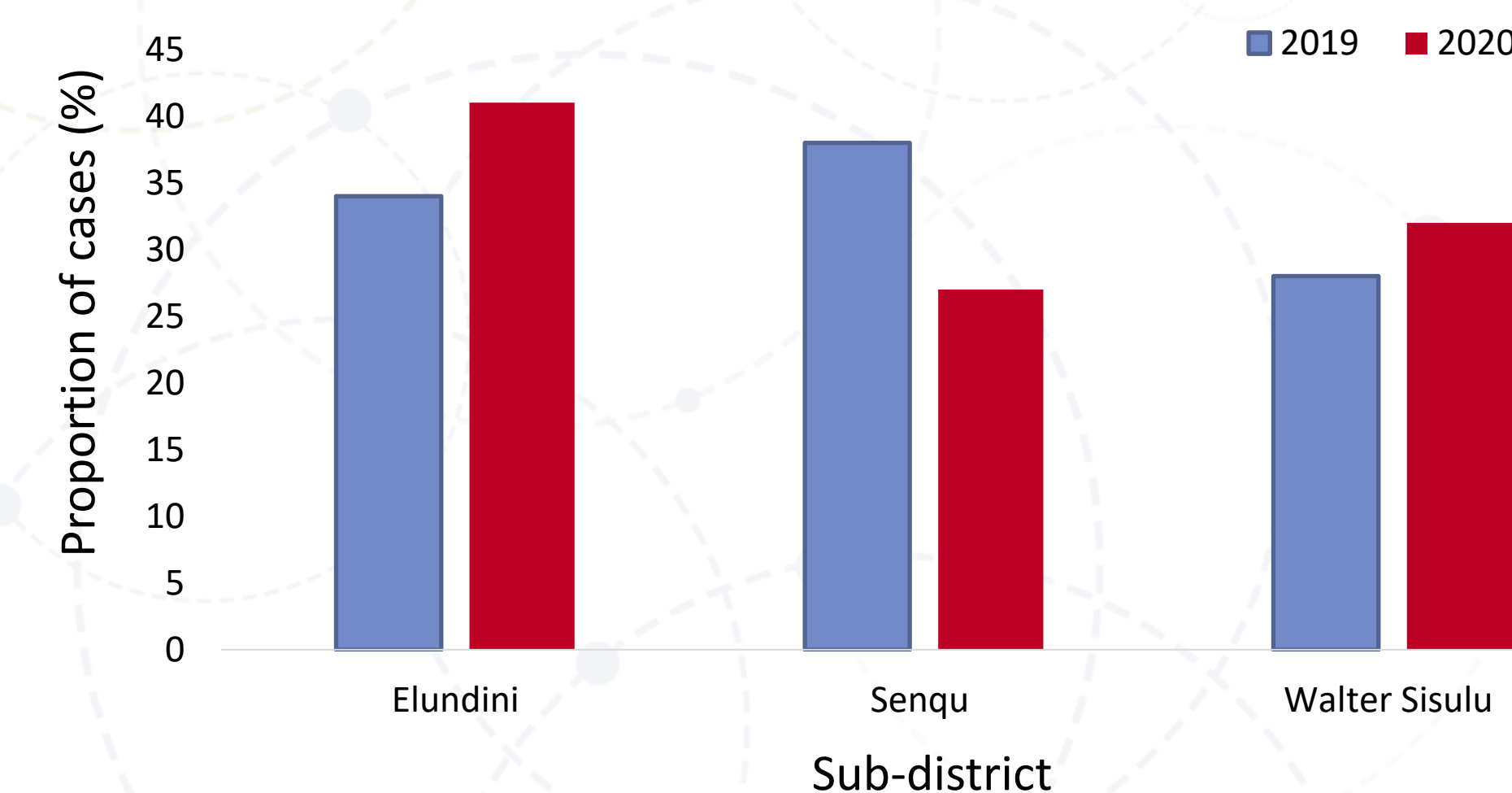


Figure 3: TB cases treatment outcome, JGD, EC Province, SA, 2019 – 2020 (Target - success rate 90%, lost to follow up <5%)



RESULTS

Figure 4: Proportion of cases initiated on TB treatment, JGD, EC Province, SA, Jan 2019 – Dec 2020 (2019 N= 1671; 2020 N=1279)



CONCLUSIONS

- Treatment success rate of less than 90% target among TB patients in JGD
- Pulmonary Tuberculosis (PTB) programme did not perform well in JGD in 2019 & 2020
- Declining trend of PTB cases on TB treatment in 2020 compared to 2019
- Lost to follow up cases:
 - Higher than <5 % target

ADVOCACY MESSAGE

- Strengthening of TB prevention and control programme is essential to fight TB, as TB remains a major global health problem

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