

Project Details

Name	RDS0191 AMR Project
Organisation(s)	UHS

Versioning

Version	v1.0
Version Notes	

Cohort

Inclusion Criteria	* patients with positive results for a blood infection during either: - an ED visit - an inpatient spell
Exclusion Criteria	* NDOO

Metadata

Template Version	v1.1
Tables	20
Columns	124
Issues	None

Table	Description	CHECKS
DEMOGRAPHICS	Patient demographics	OK
VISITS	Inpatient spells and ED attendances - combined to display one row per overall/continuous visit	OK
DIAGNOSES	Diagnoses and comorbidities (for spells only)	OK
WARD_MOVEMENTS	Visit ward movements (for spells only)	OK
PROCEDURES	Procedures (for spells only)	OK
PHYSIOLOGY	Physiological measurements	OK
ED_ATTENDANCES	Visit ED attendance data	OK
ED_INVESTIGATIONS	Visit investigations in ED	OK
ED_TREATMENTS	Visit treatments in ED	OK
ED_OBSERVATIONS	Visit observations in ED	OK
MICROBIOLOGY	Microbiology results (blood infections only)	OK
SENSITIVITY	Antimicrobial drug sensitivity for microbiology results	OK
PATHOLOGY	Patient pathology (lab testing) results	OK
DECODE_ORGANISMS	Organism decode table	OK
DECODE_PATHOLOGY	Pathology decode table	OK
VITALS	Vital signs (minuted when in ICU)	OK
MED_ORDERS	Drug prescription orders	OK
MED_ADMINIS	Drug administrations	OK
DECODE_VITALS	Vitals decode table	OK
DECODE_DRUGS	Drugs decode table	OK

Table	Column	Order	Data Type	Length	Vocabularies	Enumerations	Primary Key	Foreign Key Target	Column Description	CHECKS
DEMOGRAPHICS	PATIENT_ID	1	Integer				1		Internal integer identifier for the patient within this extract.	OK
DEMOGRAPHICS	PATIENT_HASH	2	Text	64					Pseudonymised hashed patient identifier (64-character hash).	OK
DEMOGRAPHICS	YEAR_OF_BIRTH	3	Integer						Year of birth.	OK
DEMOGRAPHICS	MONTH_OF_BIRTH	4	Integer						Month of birth (1–12).	OK
DEMOGRAPHICS	DECEASED	5	Text	1					Deceased indicator (Y/N).	OK
DEMOGRAPHICS	SEX	6	Text	6					Recorded sex.	OK
DEMOGRAPHICS	ETHNICITY	7	Text	31					Recorded ethnicity category.	OK
DEMOGRAPHICS	IMD_DECILE	8	Integer						Index of Multiple Deprivation (IMD) decile value.	OK
VISITS	PATIENT_HASH	1	Text	64					Pseudonymised hashed patient identifier (64-character hash).	OK
VISITS	VISIT_HASH	2	Text	64					Pseudonymised hashed visit identifier (64-character hash).	OK
VISITS	VISIT_ID	3	Integer				1		Internal integer identifier for the combined/continuous visit.	OK
VISITS	VISIT_TYPE	4	Text	19					Visit type/category (e.g., emergency admission).	OK
VISITS	START_DATETIME	5	Timestamp						Start date/time of the overall/continuous visit.	OK
VISITS	END_DATETIME	6	Timestamp						End date/time of the overall/continuous visit.	OK
VISITS	ED_ARRIVAL_DATETIME	7	Timestamp						ED arrival date/time (if visit includes an ED attendance).	OK
VISITS	ED_LEFT_DATETIME	8	Timestamp						ED departure date/time (if visit includes an ED attendance).	OK
VISITS	ADMIT_DATETIME	9	Timestamp						Hospital admission date/time (if visit includes an inpatient spell).	OK
VISITS	DISCHARGE_DATETIME	10	Timestamp						Hospital discharge date/time (if visit includes an inpatient spell).	OK
DIAGNOSES	PATIENT_ID	1	Integer				1		Internal integer identifier for the patient within this extract.	OK
DIAGNOSES	VISIT_ID	2	Integer				2		Identifier linking the diagnosis to a visit.	OK
DIAGNOSES	DIAGNOSIS_CODE	3	Text	5	ICD10		3		Diagnosis code as recorded for the visit/spell.	OK
DIAGNOSES	PRIMARY_DIAGNOSIS	4	Text	1					Primary diagnosis indicator (Y/N).	OK
WARD_MOVEMENTS	PATIENT_ID	1	Integer						Internal integer identifier for the patient within this extract.	OK
WARD_MOVEMENTS	VISIT_ID	2	Integer				1		Identifier linking the ward movement to a visit/spell.	OK
WARD_MOVEMENTS	SEQUENCE	3	Integer				2		Sequence number of the ward stay within the visit.	OK
WARD_MOVEMENTS	WARD_STAY_START_DATE	4	Timestamp						Start date/time of the ward stay.	OK
WARD_MOVEMENTS	WARD_STAY_END_DATE	5	Timestamp						End date/time of the ward stay.	OK
WARD_MOVEMENTS	WARD_NAME	6	Text	128					Ward name for the stay.	OK
WARD_MOVEMENTS	CLINICAL_CARE_INTENSITY	7	Integer						Clinical care intensity level code for the ward stay.	OK
WARD_MOVEMENTS	WARD_CLASSIFIER	8	Text	128					Ward classifier/grouping text for the ward stay.	OK
PROCEDURES	PATIENT_ID	1	Integer						Internal integer identifier for the patient within this extract.	OK
PROCEDURES	VISIT_ID	2	Integer				1		Identifier linking the procedure to a visit/spell.	OK
PROCEDURES	PROCEDURE_DATE	3	Date				2		Date of the procedure.	OK
PROCEDURES	OPCS4_CODE	4	Text	10			3		Procedure code (OPCS4).	OK
PROCEDURES	RANK	6	Integer				4		Procedure rank/sequence within the visit (lower = higher priority).	OK
PHYSIOLOGY	PATIENT_ID	1	Integer						Internal integer identifier for the patient within this extract.	OK
PHYSIOLOGY	VISIT_ID	2	Integer				1		Identifier linking the measurement to a visit.	OK
PHYSIOLOGY	MEASUREMENT_TYPE	3	Text	6			2		Type of physiological measurement (e.g., weight, height).	OK
PHYSIOLOGY	MEASUREMENT_NO	4	Integer				3		Sequence number for repeated measurements of the same type within a visit.	OK
PHYSIOLOGY	MEASUREMENT_DATETIME	5	Timestamp						Date/time the measurement was recorded.	OK
PHYSIOLOGY	MEASUREMENT_RESULT	6	Float						Recorded measurement value.	OK
PHYSIOLOGY	UNITS	7	Text	2					Units of measure for the recorded value.	OK
ED_ATTENDANCES	PATIENT_ID	1	Integer						Internal integer identifier for the patient within this extract.	OK
ED_ATTENDANCES	VISIT_ID	2	Integer				1		Identifier linking the ED attendance to a visit.	OK
ED_ATTENDANCES	ED_ARRIVAL_DATETIME	3	Timestamp						ED arrival date/time.	OK
ED_ATTENDANCES	ED_LEFT_DATETIME	4	Timestamp						ED departure date/time.	OK
ED_ATTENDANCES	ADMITTED_FLAG	5	Text	1					Indicator that the ED attendance resulted in admission (Y/N).	OK
ED_ATTENDANCES	REASON_FOR_ATTENDANCE	6	Text	64					Free-text or short descriptor for reason for ED attendance.	OK
ED_ATTENDANCES	ARRIVAL_MODE	7	Text	64					Mode of arrival to ED.	OK
ED_ATTENDANCES	ATTENDANCE_SOURCE	8	Text	64					Source of attendance/referral to ED.	OK
ED_ATTENDANCES	ACUITY	9	Text	64					Acuity/triage category text.	OK
ED_ATTENDANCES	INITIAL_ASSESSMENT_TS	10	Timestamp						Date/time of initial assessment in ED.	OK
ED_ATTENDANCES	SEEN_FOR_TREATMENT_TS	11	Timestamp						Date/time first seen for treatment in ED.	OK
ED_ATTENDANCES	CLINICALLY_READY_TO_PROCEED_	12	Timestamp						Date/time clinically ready to proceed (if captured).	OK
ED_ATTENDANCES	DECISION_TO_ADMIT_TS	13	Timestamp						Date/time decision to admit was made (if captured).	OK
ED_ATTENDANCES	DTA_SPECIALTY	14	Text	16					Specialty for decision-to-admit (DTA).	OK

ED_ATTENDANCES	CONCLUSION_TS	15	Text	20	Date/time ED episode concluded (if captured).	OK
ED_ATTENDANCES	DEPARTURE_TS	16	Timestamp		Date/time departed ED (if captured).	OK
ED_ATTENDANCES	DEPARTMENT_TYPE_CODE	17	Text	2	Department type code.	OK
ED_ATTENDANCES	DEPARTMENT_TYPE	18	Text	256	Department type description.	OK
ED_ATTENDANCES	ATTENDANCE_CATEGORY_CODE	19	Integer		Attendance category code.	OK
ED_ATTENDANCES	ATTENDANCE_CATEGORY	20	Text	256	Attendance category description.	OK
ED_ATTENDANCES	DISCHARGE_STATUS_CODE	21	Text	64	Discharge status code.	OK
ED_ATTENDANCES	DISCHARGE_STATUS	22	Text	256	Discharge status description.	OK
ED_ATTENDANCES	DISCHARGE_DESTINATION_CODE	23	Text	64	Discharge destination code.	OK
ED_ATTENDANCES	DISCHARGE_DESTINATION	24	Text	256	Discharge destination description.	OK
ED_ATTENDANCES	DESTINATION_ORGCODE	25	Text	16	Organisation code for discharge destination (if provided).	OK
ED_ATTENDANCES	DISCHARGE_FOLLOWUP_CODE	26	Text	64	Discharge follow-up code (if provided).	OK
ED_ATTENDANCES	DISCHARGE_FOLLOW_UP	27	Text	64	Discharge follow-up description (if provided).	OK
ED_ATTENDANCES	DISCHARGE_INFO_GIVEN_CODE	28	Text	64	Discharge information given code (if provided).	OK
ED_ATTENDANCES	DISCHARGE_INFORMATION_GIVEN	29	Text	64	Discharge information given description (if provided).	OK
ED_INVESTIGATIONS	PATIENT_ID	1	Integer		Internal integer identifier for the patient within this extract.	OK
ED_INVESTIGATIONS	VISIT_ID	2	Integer	1	Identifier linking the investigation to a visit.	OK
ED_INVESTIGATIONS	INVESTIGATION_SEQ	3	Integer	2	Sequence number of the investigation within the ED attendance.	OK
ED_INVESTIGATIONS	INVESTIGATION_CODE	4	Text	64	Investigation code as recorded.	OK
ED_INVESTIGATIONS	INVESTIGATION_DESCRIPTION	5	Text	128	Investigation description text.	OK
ED_INVESTIGATIONS	INVESTIGATION_DATETIME	6	Timestamp		Date/time the investigation was requested/performed (as recorded).	OK
ED_TREATMENTS	PATIENT_ID	1	Integer		Internal integer identifier for the patient within this extract.	OK
ED_TREATMENTS	VISIT_ID	2	Integer	1	Identifier linking the treatment to a visit.	OK
ED_TREATMENTS	TREATMENT_SEQ	3	Integer	2	Sequence number of the treatment within the ED attendance.	OK
ED_TREATMENTS	TREATMENT_CODE	4	Integer		Treatment code as recorded.	OK
ED_TREATMENTS	TREATMENT_DESCRIPTION	5	Text	128	Treatment description text.	OK
ED_OBSERVATIONS	PATIENT_ID	1	Integer		Internal integer identifier for the patient within this extract.	OK
ED_OBSERVATIONS	VISIT_ID	2	Integer	1	Identifier linking the observation to a visit.	OK
ED_OBSERVATIONS	OBS_SEQ	3	Integer	2	Sequence number of the observation within the ED attendance.	OK
ED_OBSERVATIONS	OBS_CODE	4	Text	32	Observation code as recorded.	OK
ED_OBSERVATIONS	OBS_DESCRIPTION	5	Text	32	Observation description text.	OK
ED_OBSERVATIONS	OBS_VALUE	6	Text	16	Observation value as recorded.	OK
ED_OBSERVATIONS	UNIT_OF_MEASUREMENT	7	Text	16	Unit of measurement for the observation value.	OK
ED_OBSERVATIONS	OBS_TIMESTAMP	8	Timestamp		Date/time the observation was recorded.	OK
MICROBIOLOGY	PATIENT_ID	1	Integer		Internal integer identifier for the patient within this extract.	OK
MICROBIOLOGY	VISIT_ID	2	Integer	1	Identifier linking the microbiology record to a visit.	OK
MICROBIOLOGY	SPECIMEN_HASH	3	Text	64	Pseudonymised hashed specimen identifier (64-character hash).	OK
MICROBIOLOGY	SPECIMEN_TYPE	4	Text	4	Specimen type code.	OK
MICROBIOLOGY	SPECIMEN_NAME	5	Text	64	Specimen type/name description.	OK
MICROBIOLOGY	SAMPLE_DATE	6	Timestamp		Date/time the specimen was collected.	OK
MICROBIOLOGY	REPORT_DATE	7	Timestamp		Date/time the microbiology result was reported.	OK
MICROBIOLOGY	RESULT	8	Text	8	Overall culture/result status (e.g., positive).	OK
MICROBIOLOGY	GRAM_AEROBIC	9	Text	8	Aerobic bottle Gram/culture status (processed field).	OK
MICROBIOLOGY	GRAM_ANAEROBIC	10	Text	8	Anaerobic bottle Gram/culture status (processed field).	OK
MICROBIOLOGY	GRAM_PAEDIATRIC	11	Text	8	Paediatric bottle Gram/culture status (processed field).	OK
MICROBIOLOGY	TIMING_AEROBIC	12	Text	8	Time-to-positivity/processing timing for aerobic bottle (processed field).	OK
MICROBIOLOGY	TIMING_ANAEROBIC	13	Text	8	Time-to-positivity/processing timing for anaerobic bottle (processed field).	OK
MICROBIOLOGY	TIMING_PAEDIATRIC	14	Text	8	Time-to-positivity/processing timing for paediatric bottle (processed field).	OK
MICROBIOLOGY	GRAM_AEROBIC_RAW	15	Text	128	Raw text Gram/culture status for aerobic bottle.	OK
MICROBIOLOGY	GRAM_ANAEROBIC_RAW	16	Text	128	Raw text Gram/culture status for anaerobic bottle.	OK
MICROBIOLOGY	GRAM_PAEDIATRIC_RAW	17	Text	128	Raw text Gram/culture status for paediatric bottle.	OK
MICROBIOLOGY	TIMING_AEROBIC_RAW	18	Text	128	Raw text timing for aerobic bottle.	OK
MICROBIOLOGY	TIMING_ANAEROBIC_RAW	19	Text	128	Raw text timing for anaerobic bottle.	OK
MICROBIOLOGY	TIMING_PAEDIATRIC_RAW	20	Text	128	Raw text timing for paediatric bottle.	OK
MICROBIOLOGY	LOAD_AEROBIC	21	Text	128	Raw/derived organism load text for aerobic bottle (if provided).	OK
MICROBIOLOGY	LOAD_ANAEROBIC	22	Text	128	Raw/derived organism load text for anaerobic bottle (if provided).	OK
MICROBIOLOGY	LOAD_PAEDIATRIC	23	Text	128	Raw/derived organism load text for paediatric bottle (if provided).	OK

MICROBIOLOGY	ORGANISMS	24	Text	2048		Organism code(s) identified for the specimen (may be joinable to organism decode).	OK
SENSITIVITY	PATIENT_ID	1	Integer			Internal integer identifier for the patient within this extract.	OK
SENSITIVITY	VISIT_ID	2	Integer		1	Identifier linking the sensitivity record to a visit.	OK
SENSITIVITY	SPECIMEN_HASH	3	Text	64	2	Pseudonymised hashed specimen identifier (64-character hash).	OK
SENSITIVITY	RESULT_SEQUENCE	4	Integer		3	Sequence number for the organism result within the specimen.	OK
SENSITIVITY	ORGANISM	5	Text	16	4	Organism code for which susceptibility is reported.	OK
SENSITIVITY	DRUG	6	Text	32	5	Antimicrobial drug name.	OK
SENSITIVITY	MIC_VALUE	7	Text	32		Minimum inhibitory concentration (MIC) value (if provided).	OK
SENSITIVITY	SENSITIVITY	8	Text	32		Susceptibility interpretation (e.g., Sensitive/Resistant).	OK
PATHOLOGY	PATIENT_ID	1	Integer			Internal integer identifier for the patient within this extract.	OK
PATHOLOGY	VISIT_ID	2	Integer		1	Identifier linking the pathology result to a visit.	OK
PATHOLOGY	TEST_ID	3	Integer		2	Internal identifier for the pathology test instance.	OK
PATHOLOGY	SAMPLE_DATE	4	Timestamp			Date/time the sample was taken (as recorded).	OK
PATHOLOGY	DATE_REPORTED	5	Timestamp			Date/time the result was reported (as recorded).	OK
PATHOLOGY	SPECIMEN_TYPE	6	Text	32		Specimen type text for the pathology test.	OK
PATHOLOGY	REQUEST_TYPE	7	Text	2		Request type code for the pathology test.	OK
PATHOLOGY	TEST_CODE	8	Text	32		Pathology test code.	OK
PATHOLOGY	OUTPUT_CLASS	9	Text	32		Output class/category for the result (as recorded).	OK
PATHOLOGY	CONVERSION_STATUS	10	Text	32		Conversion/status field for result processing (as recorded).	OK
PATHOLOGY	RESULT_RAW	11	Text	512		Raw result value as provided in source system.	OK
PATHOLOGY	RESULT_PROCESSED	12	Float			Processed/numeric result value (when available).	OK
PATHOLOGY	RANGE_HIGH	13	Float			Upper reference range limit (if provided).	OK
PATHOLOGY	RANGE_LOW	14	Float			Lower reference range limit (if provided).	OK
DECODE_ORGANISMS	ORGANISM_CODE	1	Text	32	1	Organism code.	OK
DECODE_ORGANISMS	ORGANISM_NAME	2	Text	64		Organism name/description.	OK
DECODE_PATHOLOGY	REQUEST_TYPE	1	Text	2	1	Request type code.	OK
DECODE_PATHOLOGY	TEST_CODE	2	Text	32	2	Pathology test code.	OK
DECODE_PATHOLOGY	TEST_NAME	3	Text	64		Pathology test name/description.	OK
VITALS	PATIENT_ID	1	Integer			Internal integer identifier for the patient within this extract.	OK
VITALS	VISIT_ID	2	Integer		1	Identifier linking the vital sign to a visit.	OK
VITALS	PARAMETER_ID	3	Integer		2	Vital sign parameter identifier (joinable to vitals decode).	OK
VITALS	TIME	4	Timestamp		3	Date/time the vital sign was recorded.	OK
VITALS	VALUE	5	Float			Vital sign value (numeric).	OK
MED_ORDERS	PATIENT_ID	1	Integer			Internal integer identifier for the patient within this extract.	OK
MED_ORDERS	VISIT_ID	2	Integer		1	Identifier linking the medication order to a visit.	OK
MED_ORDERS	PRESCRIPTION_NO	3	Integer		2	Prescription/order number within the visit.	OK
MED_ORDERS	ORDER_TYPE	4	Text	16		Order type/category (e.g., inpatient, TTA).	OK
MED_ORDERS	PRESCRIPTION_START_DATETIME	5	Timestamp			Medication order start date/time.	OK
MED_ORDERS	PRESCRIPTION_STOP_DATETIME	6	Timestamp			Medication order stop date/time (if recorded).	OK
MED_ORDERS	DRUG_ID	7	Text	6		Drug identifier (joinable to drug decode).	OK
MED_ADMINS	PATIENT_ID	1	Integer			Internal integer identifier for the patient within this extract.	OK
MED_ADMINS	VISIT_ID	2	Integer		1	Identifier linking the medication administration to a visit.	OK
MED_ADMINS	ADMIN_NO	3	Integer		2	Administration event number within the visit.	OK
MED_ADMINS	ADMIN_DATETIME	4	Timestamp			Date/time of medication administration.	OK
MED_ADMINS	DRUG_ID	5	Text	6		Drug identifier (joinable to drug decode).	OK
MED_ADMINS	ORDER_TYPE	6	Text	16		Order type/category for the administration (e.g., inpatient).	OK
DECODE_VITALS	PARAMETER_ID	1	Integer		1	Vital sign parameter identifier.	OK
DECODE_VITALS	PARAMETER_NAME	2	Text	64		Vital sign parameter name/description.	OK
DECODE_VITALS	UNIT	3	Text	16		Unit of measure for the vital sign parameter.	OK
DECODE_DRUGS	DRUG_ID	1	Text	6	1	Drug identifier used in medication orders/administrations.	OK
DECODE_DRUGS	DRUG_NAME	2	Text	64		Drug name/description.	OK

Table	Column	Code	Name	Description	CHECKS