

SAUDI BILLING SYSTEM

Summary of Version 2 Updates to SBS and SBSCS

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Glossary of Terms

ACHI – Australian Classification of Health Interventions

EMS – Emergency Medical Services

SBS – Saudi Billing System

SBSCS – Saudi Billing System Coding Standards

Summary of V2.0 Release Updates to SBS and SBSCS

Introduction

The Council for Health Insurance has developed the Saudi Billing System (SBS) classification used for classifying admitted and non-admitted encounters by health care providers for claims submission and reporting.

This document is a summary of the V2.0 updates to the Saudi Billing System and Saudi Billing System Coding Standards (SBSCS) for implementation on **01 June 2023**, and contains amendments based on feedback from the nphies Clinical Taskforce on gaps identified following the implementation of SBS V1.0 as well as a review of 40,000+ non-admitted and admitted care insurance claims and clinical descriptions of services. Clinical and technical advice for V2.0 content was also provided by the Saudi Dental Committee and a proposal for new code was received as a result of the introduction of new artificial intelligence (AI)-assisted technology in the healthcare sector.

Summary Statistics – SBS/SBSCS V2.0

Saudi Billing System (SBS):

Total number of SBS codes: 10,081

Total number of new SBS codes: 765

Total number of revised descriptions (short/long/ both): 1,531

Total number of deleted (inactivated) SBS codes: 132

Total number of new chapters: 2

Total number of new blocks: 4

Saudi Billing System Coding Standards (SBSCS)

Number of new standards: 62

SBS Tabular List (SBS)

MAJOR UPDATES

- **New chapter for Emergency Medical Services (EMS)**
 - Created for use by the Saudi Red Crescent and any other private EMS provider.
 - 14 new codes including Basic Life Support (BLS) and Advance Life Support (ALS), add-on codes for reporting for transportation distance, aeromedical transport (Medivac), as well as codes for declined and cancelled services.

- **New chapter for Mortuary Services**
 - 10 new codes including services for the preparation and transportation of the body for burial and provision of the death certificate.
 - Transportation codes include both land and air transport and add-on codes for reporting distance.

- **Expansion and revision of Dental Services**
 - Dental services codes are now applicable to both admitted and non-admitted care settings.
 - Now includes an extensive list of procedures in all dental subspecialties, in line with international dental standards, using the latest terminology and procedures, e.g., Zirconium crowns.
 - 244 new codes, 82 code description revisions, and 102 codes retired (inactivated) including:
 - Add-on codes used to report multiples of procedures such as surgical extraction, RCT codes, periodontal services
 - Addition of unlisted codes for each dental subspecialty to facilitate better reporting of non-available services and for possible future
 - Material types have been expanded for crowns and abutments
 - Paediatric orthodontic treatments
 - Prefabricated posts and cores
 - Maxillofacial prosthesis list expanded
 - New codes are also available in other chapters with procedures and services related to dental services (including Musculoskeletal and Nose, Mouth and

Pharynx, and Dermatological and Plastic procedures) to provide a better scope for reporting and documentation.

- A wide range of codes are available for reporting radiographs in both the Dental Services and Imaging Services chapters.

- **Expansion and revision of Laboratory and Pathology Services**

Laboratory and pathology services have been extensively revised based on review and analysis of unlisted code utilization.

- 355 new codes including the following:
 - 53 chemistry codes, 23 blood product codes, and antibodies codes, 20 drug assays, 220 molecular pathology codes including gene sequencing
 - Panels for thyroid testing, newborn screening, and pre-op investigations
 - Many gene variants such as CFTR, Breast cancer gene, Cytochrome P450
 - Ataxin expanded sequence analysis, HPA 1 to 9 and 15 gene variant analysis
 - Panels for the detection of hereditary cancer in the molecular pathology
 - Tests for the analysis of the recurrence risk of breast cancer and colon cancer as well as the mortality risk for prostate cancer
- 1,328 code descriptions (long and/or short) are revised for a better description, correction of typographical errors and to ensure consistency between short and long descriptions

- **Expansion and revision of Unlisted Codes**

Unlisted codes have been updated to allow consistent categorization of the unavailable services for both reporting and claiming purposes and to track potential services for inclusion in SBS for future releases.

- New unlisted code categories added to Dental Services for each of the dental speciality categories
- New unlisted code categories added to Laboratory and Pathology
- Revision of long and/or short descriptions to unify the descriptions of unlisted codes

MINOR UPDATES

- **Non-invasive, cognitive, and other interventions, not elsewhere classified**

- A new code for retinal imaging for the detection and monitoring of disease with point-of-care analysis and interpretation using artificial intelligence
- Administration of regional blocks (anaesthesia)

- **Imaging Services**

- Computerized tomography (CT) codes for KUB (Kidney, Ureter,Bladder), Prostate
- Spiral Angiography by computerized tomography (CT) codes for extremities

- **KSA Services chapter**
 - **Room change/upgrade**
 - A code has been added to track room changes/upgrades when patients move from one room type to another.
 - **Referral request**
 - Codes added to report referral requests by General Practitioners (GP), Specialist 1, Specialist 2 and Consultants. This is a non-billable service, used to track referrals that have an effect on co-payment.
 - **Allied health interventions**
 - Codes added for Nursing care
 - **Consultations**
 - Specialist consultations are now divided into Specialist 1 and Specialist 2 in keeping with Ministry of Health physician designations.
 - **Non-billable codes for reporting purposes**
 - Follow-up visit within 14 days for the same condition/complaint
 - Undetermined stay in the ward and in Intensive care unit (ICU)

General Updates

1. The SBS V2.0 list of codes is available in Excel document format with the following enhancements:
 - Contents tab listing all of the tabs in the spreadsheet and a summary of their intended purpose
 - Summary of changes which describes the changes (new, inactivated, revised and unchanged codes) by chapter.
 - Column header descriptions for better understanding of the contents of both the Tabular List and the Technical List of codes
 - Inclusion of two lists of codes:
 - Tabular List for coding purposes
 - Technical List for Health Information System (HIS) and software nomenclature table maintenance

Saudi Billing System Alphabetic Index

The SBS Alphabetic Index, and index to the SBS Tabular List is released as a beta version and is an essential tool for procedural and service code selection. The alphabetic index contains many more procedural and service-related terms than appear in the Tabular List and will assist accurate code selection. The SBS Alphabetical Index maintains the structure and conventions of the ACHI Alphabetical Index of Interventions, 10th Edition, on which SBS is based, however includes all of the new terms introduced in SBS, including laterality, wound size, etc.

The SBS Alphabetical Index is available as a PDF document.

Saudi Billing System Coding Standards (SBSCS)

- Creation of a Glossary of terms
- Implementation of standards numbering that does not conflict with ACS numbering convention.
- Creation of 62 standards including General standards, Dental Services Imaging Services, KSA Services, Emergency Medical Services, Ambulance and Mortuary Services chapters, as follows:

SBSCS 3000 Unlisted codes

SBSCS 3010 General guidelines for procedures for non-admitted patients

SBSCS 3011 Bilateral procedures

SBSCS 4000 Examination and diagnostics

SBSCS 4001 Diagnostic models

SBSCS 4005 Preventive procedures

SBSCS 4010 Dental anaesthesiology

SBSCS 4020 Periodontal therapy

SBSCS 4021 Guided tissue regeneration

SBSCS 4022 Incision and drainage of abscess

SBSCS 4030 Restoration

SBSCS 4040 Pulp capping

SBSCS 4041 Pulpotomy

SBSCS 4042 Root canal treatment

SBSCS 4050 Intraoral osseointegrated implants

SBSCS 4051 Partial dentures implant supported

SBSCS 4060 Dentures

SBSCS 4061 Appliances for diagnosed snoring and obstructive sleep apnoea

SBSCS 4070 Space maintainer

SBSCS 4080 Comprehensive orthodontic exam

SBSCS 4081 Sequential plastic aligners

SBSCS 4090 Alveolar osseous procedure

SBSCS 4091 Repair of wound

SBSCS 4092 Excision of lesion

SBSCS 5000 Imaging services for non-admitted care

SBSCS 5010 Angiography

SBSCS 5020 Digital subtraction angiography and Digital subtraction selective

SBSCS 5030 Diagnostic ultrasound of the eye

SBSCS 6000 Biochemical measurements
SBSCS 6001 Urinalysis
SBSCS 6002 Drug and chemical toxicology
SBSCS 6003 Test panels
SBSCS 6010 examination & culture procedures
SBSCS 6011 Isolation and detection procedures
SBSCS 6012 Smears and antimicrobial susceptibility
SBSCS 6020 Blood and cell count
SBSCS 6021 Coagulation
SBSCS 6022 Immunology and serology
SBSCS 6023 Blood bank
SBSCS 6030 Genetic testing and sequencing
SBSCS 6031 HLA typing
SBSCS 6032 Multianalyte and other molecular assays
SBSCS 6040 Cytology
SBSCS 6041 Histology
SBSCS 6042 Cytogenetics
SBSCS 6043 In vivo and other pathology procedures
SBSCS 6050 Female fertility
SBSCS 6051 Male fertility
SBSCS 7000 Emergency road transport
SBSCS 7001 Emergency air transport
SBSCS 7002 Non-emergency transportation
SBSCS 8001 Ambulance services
SBSCS 9000 Consultations
SBSCS 9010 Telemedicine
SBSCS 9011 Homecare services
SBSCS 9012 Cardiac catheterization lab
SBSCS 9013 COVID–19 packages
SBSCS 9014 Room and board
SBSCS 9015 Room upgrade
SBSCS 9016 Labour and delivery room
SBSCS 9050 Mortuary preparation
SBSCS 9051 Mortuary transportation