

# Summary of Changes

## PSS 2020/21 Operational Tool

from:

## PSS 2019/20 Operational Tool

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## Purpose

The purpose of this summary is to provide an overview of the main changes between the PSS 2019/20 Operational Tool and the PSS 2020/21 Operational Tool.

Changes are broken down by:

- **Input Changes**
- **Output Changes**
- **Software Changes**
- **Algorithm Changes**
- **Design Changes**

This document is intended as a high-level summary to be used to form the basis of further analysis and investigation, rather than a comprehensive list of all differences between releases. Further supporting documentation is available from the National Casemix Office website <https://digital.nhs.uk/services/national-casemix-office>.

## Changes to the PSS Tool

The following changes have been implemented between the PSS 2019/20 Operational Tool and the PSS 2020/21 Operational Tool.

### Input Changes

There have been no changes to the inputs.

### Output Changes

There have been no changes to the outputs.

### Software Changes

The graphical user interface (GUI) has been updated to align with that of the contemporary HRG4+ Grouper. General changes include:

- Single Spell – the SpellErrors field in the Spell outputs for the APC database would change name to Errors on processing. This has been changed to keep the name SpellErrors.
- RDF – the warning message that appears when the Clear button is selected has been changed from “Clear all field positions?” to “Clear all input fields?” to indicate that all changes will be lost, not just the field positions.

### Algorithm Changes

There have been no changes to the algorithm.

### Design Changes

- Update to reference data – ICD-10 diagnosis codes and OPCS procedure codes have been updated to align with HRG4+ 2020/21 Local Payment Grouper.
- Update to reference data – site and approach procedure code lists have been updated to align with HRG4+ 2020/21 Local Payment Grouper. Harvest codes (OPCS Y54 to Y69) are no longer considered approach codes, and therefore cannot be subsidiary codes. This has necessitated a redesign of the logic for NCBPS02Z (BLOOD AND MARROW TRANSPLANTATION SERVICES).
- Update to reference data – four provider trusts have changed name.
- Update to service line hierarchy – the service line hierarchy used to determine the episode-level and spell-level dominant service line has been updated to account for deleted and additional service lines.
- Change of name – National Program of Care A05 has been renamed from CARDIOTHORACIC SERVICES to CARDIAC SERVICES.
- Change of name – NCBPS04A has been renamed (from HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: COMPLEX MINIMAL ACCESS GYNAECOLOGY SURGERY to HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: SEVERE ENDOMETRIOSIS) to reflect the

new content of the rule following changes. New gynaecological service lines have been introduced – see below.

- New service lines have been introduced:

APC
NCBPS04J (HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: URINARY FISTULA)
NCBPS04K (HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: VAGINAL MESH REMOVAL)
NCBPS04L (HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: CONGENITAL ABNORMALITIES)
NCBPS08T (ADULT SPECIALIST NEUROSCIENCES SERVICES: MECHANICAL THROMBECTOMY)
NCBPS13T (ADULT SPECIALIST CARDIAC SERVICES: TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVI))
NCBP19L (SPECIALIST SERVICES FOR COMPLEX LIVER DISEASES IN ADULTS)
NCBP19P (SPECIALIST SERVICES FOR COMPLEX PANCREATIC DISEASES IN ADULTS)
NCBPS42A (GENDER DYSPHORIA - GENITAL SURGERY (TRANS FEMININE))
NCBPS42B (GENDER DYSPHORIA - GENITAL SURGERY (TRANS MASCULINE))
NCBPS42C (GENDER DYSPHORIA - CHEST SURGERY (TRANS MASCULINE))
NCBPS42E (GENDER DYSPHORIA - OTHER SURGICAL SERVICES)

- Two service lines have been removed.  
NCBPS22Z (GENDER IDENTITY SERVICES) has been replaced with the four gender dysphoria service lines listed above.  
NCBPS34R (ADULT SPECIALIST ORTHOPAEDIC SERVICES: ORTHOPAEDIC REVISIONS) has also been removed.
- Rule 2 of NCBPS13E (ADULT SPECIALIST CARDIAC SERVICES: CARDIAC SURGERY (INPATIENT)) has been removed as this captured transcatheter aortic valve replacement (TAVI) which is now covered by the new service line listed above.
- Treatment Function Code criteria have been changed for NCBPS29B (ADULT THORACIC SURGERY SERVICES: COMPLEX THORACIC SURGERY).
- Procedure criteria have been changed for NCBPS06Z (COMPLEX SPINAL SURGERY SERVICES) and CCGPS08S\_Exc (ADULT SPECIALIST NEUROSCIENCES SERVICES: CCG SERVICES).
- Changes to provider criteria – the following service lines have had providers added or removed from their eligibility lists:

APC
NCBPS01J (SPECIALIST CANCER SERVICES: ANAL CANCER)
NCBPS01K (SPECIALIST CANCER SERVICES: MALIGNANT MESOTHELIOMA)
NCBPS01M (SPECIALIST CANCER SERVICES: HEAD AND NECK CANCER)
NCBPS01N (SPECIALIST CANCER SERVICES: KIDNEY, BLADDER AND PROSTATE CANCER)
NCBPS01T (SPECIALIST CANCER SERVICES FOR CHILDREN AND YOUNG PEOPLE: YOUNG PEOPLE)
NCBPS01U (SPECIALIST CANCER SERVICES: OESOPHAGEAL AND GASTRIC CANCER)
NCBPS01V (SPECIALIST CANCER SERVICES: BILIARY TRACT CANCER)
NCBPS01W (SPECIALIST CANCER SERVICES: LIVER CANCER)
NCBPS01X (SPECIALIST CANCER SERVICES: PENILE CANCER)
NCBPS01Y (SPECIALIST CANCER SERVICES: OTHER CANCERS)
NCBPS01Z (SPECIALIST CANCER SERVICES: TESTICULAR CANCER)
NCBPS03Z (SPECIALIST SERVICES FOR HAEMOPHILIA AND OTHER RELATED BLEEDING DISORDERS)
NCBPS04A (HIGHLY SPECIALIST ADULT GYNAECOLOGICAL SURGERY AND URINARY SURGERY SERVICES FOR WOMEN: COMPLEX MINIMAL ACCESS GYNAECOLOGY SURGERY)

NCBPS04F (SPECIALIST CANCER SERVICES: GYNAECOLOGICAL CANCER)  
 NCBPS06Z (COMPLEX SPINAL SURGERY SERVICES)  
 NCBPS08O (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROLOGY)  
 NCBPS08P (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROPHYSIOLOGY)  
 NCBPS08R (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEURORADIOLOGY)  
 NCBPS10Z (CYSTIC FIBROSIS SERVICES)  
 NCBPS11T (ADULT SPECIALIST RENAL SERVICES: RENAL TRANSPLANTATION)  
 NCBPS13B (ADULT SPECIALIST CARDIAC SERVICES: CARDIAC ELECTROPHYSIOLOGY AND ABLATION)  
 NCBPS13C (ADULT SPECIALIST CARDIAC SERVICES: INHERITED CARDIAC CONDITIONS)  
 NCBPS13F (ADULT SPECIALIST CARDIAC SERVICES: PPCI FOR ST- ELEVATION MYOCARDIAL INFARCTION)  
 NCBPS13X (ADULT CONGENITAL HEART DISEASE SERVICES)  
 NCBPS13Y (ADULT CONGENITAL HEART DISEASE SURGICAL SERVICES)  
 NCBPS14A (ADULT SPECIALIST SERVICES FOR PATIENTS INFECTED WITH HIV)  
 NCBPS14C (SPECIALIST SERVICES FOR CHILDREN WITH INFECTIOUS DISEASES: HIV)  
 NCBPS16X (SPECIALIST IMMUNOLOGY SERVICES FOR ADULTS WITH DEFICIENT IMMUNE SYSTEMS)  
 NCBPS16Y (SPECIALIST IMMUNOLOGY SERVICES FOR CHILDREN WITH DEFICIENT IMMUNE SYSTEMS)  
 NCBPS17Z (HIGHLY SPECIALIST ALLERGY SERVICES)  
 NCBPS18T (HIGHLY SPECIALIST SERVICES FOR ADULTS WITH INFECTIOUS DISEASES: TROPICAL DISEASES)  
 NCBPS19Z (SPECIALIST SERVICES FOR COMPLEX LIVER, BILIARY AND PANCREATIC DISEASES IN ADULTS)  
 NCBPS23A (SPECIALIST CANCER SERVICES FOR CHILDREN AND YOUNG PEOPLE: PAEDIATRIC CANCER)  
 NCBPS23B (PAEDIATRIC CARDIAC SERVICES)  
 NCBPS23D (SPECIALIST EAR, NOSE AND THROAT SERVICES FOR CHILDREN)  
 NCBPS23E (SPECIALIST ENDOCRINOLOGY AND DIABETES SERVICES FOR CHILDREN)  
 NCBPS23F (SPECIALIST GASTROENTEROLOGY, HEPATOLOGY AND NUTRITIONAL SUPPORT SERVICES FOR CHILDREN)  
 NCBPS23H (SPECIALIST HAEMATOLOGY SERVICES FOR CHILDREN)  
 NCBPS23N (SPECIALIST OPHTHALMOLOGY SERVICES FOR CHILDREN)  
 NCBPS23P (SPECIALIST DENTISTRY SERVICES FOR CHILDREN)  
 NCBPS23S (SPECIALIST RENAL SERVICES FOR CHILDREN)  
 NCBPS23T (SPECIALIST RESPIRATORY SERVICES FOR CHILDREN)  
 NCBPS23W (SPECIALIST RHEUMATOLOGY SERVICES FOR CHILDREN)  
 NCBPS24Y (SPECIALIST CANCER SERVICES: SKIN CANCER)  
 NCBPS24Z (HIGHLY SPECIALIST DERMATOLOGY SERVICES)  
 NCBPS29B (ADULT THORACIC SURGERY SERVICES: COMPLEX THORACIC SURGERY)  
 NCBPS29E (ADULT HIGHLY SPECIALIST RESPIRATORY SERVICES: MANAGEMENT OF CENTRAL AIRWAY OBSTRUCTION)  
 NCBPS29M (ADULT HIGHLY SPECIALISED RESPIRATORY SERVICES -INTERSTITIAL LUNG DISEASE)  
 NCBPS29S (ADULT HIGHLY SPECIALIST RESPIRATORY SERVICES: SEVERE ASTHMA)  
 NCBPS30Z (ADULT SPECIALIST VASCULAR SERVICE)

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NCBPS01T (SPECIALIST CANCER SERVICES FOR CHILDREN AND YOUNG PEOPLE: YOUNG PEOPLE)  
 NCBPS02Z (BLOOD AND MARROW TRANSPLANTATION SERVICES)  
 NCBPS03Z (SPECIALIST SERVICES FOR HAEMOPHILIA AND OTHER RELATED BLEEDING DISORDERS)  
 NCBPS08O (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROLOGY)  
 NCBPS08P (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROPHYSIOLOGY)  
 NCBPS10Z (CYSTIC FIBROSIS SERVICES)  
 NCBPS11T (ADULT SPECIALIST RENAL SERVICES: RENAL TRANSPLANTATION)  
 NCBPS13X (ADULT CONGENITAL HEART DISEASE SERVICES)

NCBPS16X (SPECIALIST IMMUNOLOGY SERVICES FOR ADULTS WITH DEFICIENT IMMUNE SYSTEMS)  
 NCBPS16Y (SPECIALIST IMMUNOLOGY SERVICES FOR CHILDREN WITH DEFICIENT IMMUNE SYSTEMS)  
 NCBPS17Z (HIGHLY SPECIALIST ALLERGY SERVICES)  
 NCBPS19Z (SPECIALIST SERVICES FOR COMPLEX LIVER, BILIARY AND PANCREATIC DISEASES IN ADULTS)  
 NCBPS23A (SPECIALIST CANCER SERVICES FOR CHILDREN AND YOUNG PEOPLE: PAEDIATRIC CANCER)  
 NCBPS23B (PAEDIATRIC CARDIAC SERVICES)  
 NCBPS23F (SPECIALIST GASTROENTEROLOGY, HEPATOLOGY AND NUTRITIONAL SUPPORT SERVICES FOR CHILDREN)  
 NCBPS23H (SPECIALIST HAEMATOLOGY SERVICES FOR CHILDREN)  
 NCBPS23N (SPECIALIST OPHTHALMOLOGY SERVICES FOR CHILDREN)  
 NCBPS23P (SPECIALIST DENTISTRY SERVICES FOR CHILDREN)  
 NCBPS23T (SPECIALIST RESPIRATORY SERVICES FOR CHILDREN)  
 NCBPS23W (SPECIALIST RHEUMATOLOGY SERVICES FOR CHILDREN)  
 NCBPS24Y (SPECIALIST CANCER SERVICES: SKIN CANCER)  
 NCBPS24Z (HIGHLY SPECIALIST DERMATOLOGY SERVICES)  
 NCBPS27Z (ADULT SPECIALIST ENDOCRINOLOGY SERVICES)  
 NCBPS29M (ADULT HIGHLY SPECIALISED RESPIRATORY SERVICES -INTERSTITIAL LUNG DISEASE)  
 NCBPS29Z (ADULT THORACIC SURGERY SERVICES: OUTPATIENTS)  
 NCBPS30Z (ADULT SPECIALIST VASCULAR SERVICES)  
 NCBPS36Z (HIGHLY SPECIALIST METABOLIC DISORDER SERVICES)

- Changes to procedure criteria – to accommodate the OPCS 4.9 update the following service lines have had procedure codes added or removed:

APC
NCBPS01N (SPECIALIST CANCER SERVICES: KIDNEY, BLADDER AND PROSTATE CANCER)
NCBPS06Z (COMPLEX SPINAL SURGERY SERVICES)
NCBPS08O (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROLOGY)
NCBPS08R (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEURORADIOLOGY)
NCBPS08S (ADULT SPECIALIST NEUROSCIENCES SERVICES: NEUROSURGERY)
CCGPS08S_Exc (ADULT SPECIALIST NEUROSCIENCES SERVICES: CCG SERVICES)
NCBPS08T (ADULT SPECIALIST NEUROSCIENCES SERVICES: MECHANICAL THROMBECTOMY)
NCBPS13T (ADULT SPECIALIST CARDIAC SERVICES: TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVI))
NCBPS19L (SPECIALIST SERVICES FOR COMPLEX LIVER DISEASES IN ADULTS)
NCBPS19Z (SPECIALIST SERVICES FOR COMPLEX LIVER, BILIARY AND PANCREATIC DISEASES IN ADULTS)
NCBPS23D (SPECIALIST EAR, NOSE AND THROAT SERVICES FOR CHILDREN)
NCBPS23E (SPECIALIST ENDOCRINOLOGY AND DIABETES SERVICES FOR CHILDREN)
NCBPS23F (SPECIALIST GASTROENTEROLOGY, HEPATOLOGY AND NUTRITIONAL SUPPORT SERVICES FOR CHILDREN)
NCBPS23M (SPECIALIST NEUROSCIENCE SERVICES FOR CHILDREN)
NCBPS23N (SPECIALIST OPHTHALMOLOGY SERVICES FOR CHILDREN)
NCBPS23P (SPECIALIST DENTISTRY SERVICES FOR CHILDREN)
NCBPS23R (SPECIALIST PLASTIC SURGERY SERVICES FOR CHILDREN)
NCBPS23X (SPECIALIST PAEDIATRIC SURGERY SERVICES)
NCBPS23Z (SPECIALIST PAEDIATRIC UROLOGY SERVICES)
NCBPS24Y (SPECIALIST CANCER SERVICES: SKIN CANCER)
NCBPS24Z (HIGHLY SPECIALIST DERMATOLOGY SERVICES)
NCBPS27B (ISLET TRANSPLANTATION SERVICE)
NCBPS29A (ADULT HIGHLY SPECIALIST RESPIRATORY SERVICES: PULMONARY VASCULAR SERVICES)

NCBPS34A (ADULT SPECIALIST ORTHOPAEDIC SERVICES: SPECIALIST ORTHOPAEDIC SURGERY) NCBPS42C (GENDER DYSPHORIA: CHEST SURGERY (TRANS MASCULINE))
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NCBPS24Y (SPECIALIST CANCER SERVICES: SKIN CANCER) NCBPS24Z (HIGHLY SPECIALIST DERMATOLOGY SERVICES)
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If you have further questions relating to the change in the specification of the identification Rules then please contact NHS England Specialised Commissioning Team at [england.boffice\\_speccom@nhs.net](mailto:england.boffice_speccom@nhs.net)

If you have any questions or issues regarding the functionality of the PSS 2020/21 Operational Tool, please contact [enquiries@nhsdigital.nhs.uk](mailto:enquiries@nhsdigital.nhs.uk).