Provider Assurance Dental (PAD) ACORN Support

Following agreement with Welsh Government (WG), and to support dental contractors with the completion of the [ACORN](http://www.primarycareone.wales.nhs.uk/sitesplus/documents/1191/Routine%20patient%20ACORN.pdf), a review exercise was developed which focused on accurately capturing the key data that is associated with high quality Oral Health Reviews and the delivery of evidence-based dentistry in line with aspirations outlined in The Oral Health and Dental Services Response to [‘A Healthier Wales’](https://gov.wales/sites/default/files/publications/2019-10/a-healthier-wales-action-plan.pdf). Banded claims were included in the exercise and using a data capture template based on the ACORN, elements of an Oral Health Assessment that were being captured and elements that were missing, were identified.

Once the review was completed; a summary report was sent to the Provider. This provided feedback regarding the apparent readiness of the Provider for the satisfactory completion of an ACORN.

It was acknowledged that some contracts included in the ACORN support exercise were already part of Contract Reform or may have joined during the review period.

# ACORN exercise

* A total of 24 contracts had reviews completed. Table 1 below shows the breakdown of these contracts involved in the ACORN exercise across the Health Boards.

Table 1: Breakdown by Health Board

|  |  |
| --- | --- |
| **Health Board** | **Number of Contracts** |
| Betsi Cadwaladr (7A1) | 4 |
| Hywel Dda (7A2) | 2 |
| Swansea Bay (7A3) | 4 |
| Cardiff and Vale (7A4) | 6 |
| Cwm Taf Morgannwg (7A5) | 5 |
| Aneurin Bevan (7A6) | 3 |
| Powys Teaching (7A7) | 0 |

* Table 2 shows that there were claims from a total of 70 performers involved in the ACORN exercise. The breakdown of the number of claims reviewed and the number of performers this related to is also shown.

Table 2: Breakdown by Performers

|  |  |
| --- | --- |
| **No. Claims Range** | **No. Performers** |
| 1-4 Claims | 36 |
| 5-8 Claims | 19 |
| 9-12 Claims | 7 |
| 13-16 Claims | 4 |
| 17-20 Claims | 1 |
| 21-24 Claims | 2 |
| 25-28 Claims | 1 |
| **Grand Total** | **70** |

* In total, 425 claims were reviewed, with the majority (99%) being Band 3 claims (table 3).

Table 3: Number of claims

|  |  |
| --- | --- |
| **Banded Claim** | **Number of claims** |
| Band 1 | 4 |
| Band 2 | 2 |
| Band 3 | 419 |
| **Grand Total** | **425** |

* Of the 425 claims reviewed, 344 (81%) indicated that an examination had been provided as part of the claim. 71 claims (17%) did not have an examination indicated (table 4).

Table 4: Examination

|  |  |  |
| --- | --- | --- |
| **Exam Provided** | **Number of claims** | **% of claims** |
| No | 71 | 17 |
| Yes | 344 | 81 |
| (blank) | 10 | 2 |
| **Grand Total** | **425** | **100** |

**Results (only claims with Examinations are included in this breakdown)**

# Key Data Points(1)(2)

Bar graph 1 shows that:

* 328 claims had evidence that the Medical History had been updated;
* 274 claims had information relating to the patient’s Social History recorded in the clinical records;
* 157 claims had information relating to the patient’s Dental History recorded in the clinical records;
* 262 claims had information relating to ‘Other risks’ recorded in the clinical records;
* 324 included a current dental charting;
* 240 claims had entries giving evidence that a risk assessment had taken place.

Bar Graph 1



Key Data Points Recorded

400

300

200

100

0

16

70

20

187

82

104

328

274

324

157

262

240

Medical History

Recorded

Social History

Dental History

Were any other

risks recorded?

Charting

Evidence of Risk

Assessment

Yes No

# NICE Guidance Compliance(3)

Bar graph 2 shows that:

* 240 claims had evidence that a risk assessment had been recorded;
* 297 claims had a recall interval recorded. 47 claims did not have a recall interval recorded;
* 183 had a Basic Periodontal Examination (BPE) recorded (and that was available for review). 157 did not have a BPE score available for review.
* 94 had a risk assessment recorded, but no BPE scores were available for review.

Bar Graph 2



NICE guideline compliance

400

350

300

250

200

150

100

50

0

Evidence of Risk

Assessment

Recall Intervall

BPE Sextant Scores No BPE and Evidence

of Risk Assessment

Yes No N/A

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | |  | | |  | | |  | | |
|  | 104 |  |  | 47 |  |  | ~~4~~  157 |  |  | | |
|  |  |  | 297 |  |  |  |  | | |
|  | 240 |  |  |  |  |  |  | | |
|  |  |  |  |  |  |  | | |
| 183 |
|  |  |  |  |  |  |  | 63 |  |
|  |  |  |  |  |  |  | 94 |  |
|  |  |  |  |  |  |  |  |

# Prevention(4)

Bar graph 3 shows that:

* 251 claims had entries relating to patient’s alcohol consumption;
* 270 claims had entries relating to patient’s smoking status;
* 304 claims had entries detailing that a soft tissue examination had taken place;
* 221 claims had entries relating to the patient’s standard of oral hygiene;
* 105 claims had entries relating to the patient’s current oral hygiene regime;
* 74 claims had entries relating to the patient’s current dietary habits.

Bar Graph 3



Prevention

400

350

300

250

200

150

100

50

0

Alcohol Smoking Status

Consumption

Soft Tissue

Examination

Standard of Oral Current Oral

Hygiene

Hygiene Regime

Current Dietary

Habits

Yes No

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | |  | | |  | | |  | | |  | | |  | | |
|  | 93 |  |  | 74 |  |  | 40 |  |  | 123 |  |  | 239 |  |  | 270 |  |
|  |  |  |  |  | 304 |  |  |  |  |  |  |  |
| 270 |
|  | 251 |  |  |  |  |  |  |  |  |  |  |  |
| 221 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 105 |  |  |  |
| 74 |
|  |  |  |  |  |  |  |  |  |  |  |  |

# Future Provider Assurance Exercises

Following agreement with WG, additional Provider Assurance exercises have been planned to include:

* + Further ACORN support exercises, with the reviews focusing on providing feedback at performer level.
  + Reviews focusing on the care pathways and linking ACORN data capture points to the care provided.

# References

1. [http://www.primarycareone.wales.nhs.uk/sitesplus/documents/1191/Routine%20patient%20AC](http://www.primarycareone.wales.nhs.uk/sitesplus/documents/1191/Routine%20patient%20ACORN.pdf) [ORN.pdf](http://www.primarycareone.wales.nhs.uk/sitesplus/documents/1191/Routine%20patient%20ACORN.pdf)
2. <https://www.fgdp.org.uk/clinical-examination-record-keeping-standards>
3. [https://www.nice.org.uk/guidance/cg19/resources/dental-checks-intervals-between-oral-health-](https://www.nice.org.uk/guidance/cg19/resources/dental-checks-intervals-between-oral-health-reviews-pdf-975274023877) [reviews-pdf-975274023877](https://www.nice.org.uk/guidance/cg19/resources/dental-checks-intervals-between-oral-health-reviews-pdf-975274023877)
4. <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/fi> [le/605266/Delivering\_better\_oral\_health.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/605266/Delivering_better_oral_health.pdf)