**Cost of the Dementia and Mild Cognitive impairment in prison care pathway elements**

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| **Pathway element** | **Resources required** | **Cost**  **2017/18 value** | **Notes** |
| **Site-level costs:** Required for overall delivery of the pathway. Costs would be apportioned across the number of individuals going through the pathway. | | | |
| MoCa training and certification (training fee) | Training certification fee | £97.29 | Online training and certification required to administer MoCa tool. See Table 3E for sources of unit costs. |
| MoCa training and certification (time taken to undertake training) | 1 hour nurse (AfC band 5) | £36.00 | 1 hour training and certification required to administer MoCa tool. Based on 1 hour working time of AfC band 5 nurse. See Table 3E for sources of unit costs. |
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| Supervision of dementia key trained worker | 1 hour clinical psychologist (AfC band 7) per month | £660.00 | Annual cost of providing supervision. Based on cost per working hour of a band 7 clinical psychologist. See Table 3E for sources of staff unit costs.  The amount of people trained and the amount of supervision needed will vary by the size of the site. Costs presented here are for 1 dementia key trained worker plus 1 hour per month supervision. |
| Dementia key trained worker attending supervision | 1 hour nurse (AfC band 5) per month | £432.00 | Annual cost of attending supervision. Based on cost per working hour of AfC nurse band 5. See Table 3E for sources of staff unit costs. |
| **Individual-level costs:** |  |  |  |
| **Initial memory assessment** |  |  |  |
| MoCa assessment by dementia key trained worker | 20 mins nurse (AfC band 5) | £19.67 | Based on cost per hour of patient related work. See Table 3E for sources of staff unit costs. |
| ***Annual reassessment if negative MoCa result (score of 23 and over)*** | | | |
| MoCa assessment by dementia key trained worker | 20 mins nurse (AfC band 5) | £19.67 | Based on cost per hour of patient related work. See Table 3E for sources of staff unit costs. |
| **Further assessment (undertaken if MoCa score of 22 or less)** | | |  |
| Patient history and current health completed by dementia key trained worker | 60 mins nurse (AfC band 5) | £59.00 | Based on cost per hour of patient related work. See Table 3E for sources of staff unit costs. |
| **Referral to dementia/memory assessment services** | | | |
| Cost of memory assessment services appointments | 2 appointments at the memory assessment service. These include ACE-III, CT, MRI and SPECT scans. | £987.62 | Average monthly cost of memory assessment services per new patient (including imaging). See Table 3E for sources of unit costs. |
| Escort costs | 3 prison officers (1 driver and 2 guard) 4 hours each with travel and subsistence costs | £300.48 | Assumed 3 prison officers needed to escort a prisoner to and from hospital (1 officer driving, 2 officers guarding). See Table 3E for staff and travel unit costs. |
| ***Annual reassessment if no dementia diagnosis given at memory assessment service*** | | | |
| MoCa assessment by dementia key trained worker | 20 mins nurse (AfC band 5) | £19.67 | Based on cost per hour of patient related work. See Table 3E for sources of staff unit costs. |
| ***Diagnosis follow up if dementia diagnosis given by memory assessment service*** | | | |
| Medication prescribed | Annual cost (lower regular dose) | £232.65 | Average annual cost of 4 main licensed medications for the treatment of dementia assuming the lowest regular dosage. See Table Appendix A3E for calculations of medication costs. |
|  | Annual cost (higher regular dose) | £342.14 | Average annual cost of 4 main licensed medication for the treatment of dementia assuming the highest regular dosage.  See Table Appendix A3E for calculations of medication costs. |
| Medication boxes | Basic pill organiser | £2.80 | There are a variety of options of medication boxes for different levels of dementia severity. An individual would be provided with one of these. See Table 3E for sources of unit costs. |
|  | Alarm reminder pill box | £11.80 |
|  | Auto pill dispenser | £64.67 |
| Follow up appointment with prison GP to assess medication | 20 min Prison GP | £81.00 | Based on the cost of one hour of patient contact. See Table 3E for sources of staff unit costs. |
| **Needs assessment** |  |  |  |
| Social worker appointment to determine care package | 90 mins social worker | £91.50 | Social worker or occupational therapist to determine care package and make referrals to other services if necessary: eg, Occupational Therapy, Speech and Language Team (SALT), Mental Health teams, learning disability services. Potential services referred to would be on a case-by-case basis, too much variability to provide informative cost. See Table 3E for sources of staff unit costs. |
| **Accommodation** |  |  |  |
| ***Alternative environments for severe dementia*** | | |  |
| Release on temporary license | Average annual cost per prisoner | -£23,985.44 | Based on NOMS figures of the average cost of holding one prisoner for one year. See Table 3E for sources of unit costs. |
| Forensic hospital (low secure) | Net annual cost of a prisoner in a low secure mental health cluster | £142,045.76 | Annual rate for a bed in a low secure mental health care cluster minus cost of holding a person in prison. Level of secure hospital chosen would be dependent on risk. See Table 3E for sources of unit costs. |
| Forensic hospital (medium secure) | Net annual cost of prisoner in a medium secure mental health care cluster | £159,379.61 | Annual rate for a bed in a medium secure mental health care cluster minus cost of holding a person in prison. Level of secure hospital chosen would be dependent on risk. See Table 3E for sources of unit costs. |
| ***Dementia provision for dementia friendly normal locations or adapted wings*** | | | |
| Dementia clock | 2-in-1 Calendar & Day Clock in Black | £29.99 | See Table 3E for sources of unit costs. |
| Signage | Reusable signage sticker book | £38.34 | See Table 3E for sources of unit costs. |
| Wall chart | Modifiable Laminated wall charts with vinyl stickers | £10.50 | See Table 3E for sources of unit costs. |
| Pressure bed & mattress | Classic profiling bed and mattress | £714.00 | See Table 3E for sources of unit costs. |
| **Support** |  |  |  |
| ***Intervention*** |  |  |  |
| Cognitive stimulation therapy | Annual cost per completer | £2,583 | Based on 2008/2009 cost of Cognitive Skills Booster course. See Table 3E for sources of unit costs. |
| ***Social*** |  |  |  |
| Dementia Café | Annual cost | £1,112.16 | Based on 2 hour monthly sessions run by 1 prison officer and 1 civilian instructor. See Appendix A2E for cost calculations. |