**Table 4E Summary of vignette typologies**

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| --- | --- | --- | --- | --- | --- |
| **Vignette** | **Suggested Diagnosis** | **Care pathway recommendations** | **ADLs?** | **Physical Health Problems?** | **Mental Health Problems?** |
| 1 | Dementia | Dementia treatment as standard  Additional physical or mental health conditions would be supported via usual prison healthcare | No | No | No |
| 2 | No | No | Yes |
| 3 | No | Yes | No |
| 4 | No | Yes | Yes |
| 5 | Dementia | Dementia treatment as standard  ADL needs  Additional physical or mental health conditions would be supported via usual prison healthcare | Yes | Yes | No |
| 6 | Yes | Yes | No |
| 7 | MCI | MCI identified through dementia assessment process  Additional physical or mental health conditions would be supported via usual prison healthcare | No | No | No |
| 8 | No | Yes | No |

**Table 5E Costs of typical pathway for standard dementia care (vignettes 1-4)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pathway element** | | **Resources** | **Cost (2017/18)** | **Notes** |
| **Individual-level costs:** | |  |  |  |
| **Assessment and diagnosis** | |  |  |  |
| 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. |
| 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. |
| 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 |
| Escorts to memory assessment services appointments | | 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. |
| 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. |
| Medication boxes | | Alarm reminder pill box | £11.80 | See Table 3E for sources of unit costs. |
| Follow up appointment with prison GP to assess medication | | 20 mins prison GP | £81.00 | Based on the cost of one hour of patient contact. See Table 3E for sources of staff unit costs. |
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| **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 |
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| **Dementia provision** | |  |  |  |
| 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** |  |  |  |  |
| ***Social*** | |  |  |  |
| 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. |
|  |  |  |  |  |
| **Cost of providing typical care pathway for standard dementia care for an individual fitting vignettes 1-4**  (year 1 costs including diagnosis) | | | **£5,159.55** | Cost of provision in the first year, including memory assessment and equipment purchases |
| **Estimated cost of providing typical standard dementia care pathway for all individuals fitting vignettes 1-4 nationally**  (year 1 costs including diagnosis) | | | **£4,426,893.90** | Current prison population aged 50+ = 13,620  Prevalence estimates from chapter 2 estimate that 6.3%of the current population have dementia  6.3% of 13,620 = 858 individuals requiring standard dementia care |