

Devices for remote continuous monitoring of people with Parkinson's disease

Erratum to the EAG Diagnostic Assessment Report

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In response to the DAR consultation responses collated by NICE and sent to the EAG on 24/08/2022, the EAG provide the following erratum to the report. The amendment made does not change the overall conclusions of the report.

1. **Section 5.11.1, Table 29:** In response to comment 62, the EAG amended typographical errors in Table 29. PDMonitor costs per year require averaging over the relevant time horizon (£12,000/5), and STAT-ON costs were incorrectly specified (annual costs of £1,600, not £1,960). Note these typographical errors were not made in the model, thus study conclusions remain unchanged.

	Cost (exc. VAT)	Unit	Modelled cost per year	Modelled cost per 5 years (base case time horizon)
PKG	£225	Per use per patient	£450*	£2250*
Kinesia 360	£224	Monthly device subscription	£2,688†	£13,440†
STAT-ON	£1,600	Annual device subscription	£1,920†	£9,600†
KinesiaU	£64	Monthly subscription per patient	£768†	£3,840†
PDMonitor	£12,000	Outright device purchase	£12,000†	£12,000†

* Excludes initial assessment(s), † assumes one patient per subscription/device

To:

	Cost (exc. VAT)	Unit	Modelled cost per year	Modelled cost per 5 years (base case time horizon)
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PDMonitor	£12,000	Outright device purchase	£2,400†	£12,000†

*Excludes initial assessment(s), † assumes one patient per subscription/device with routine use over a 5-year time horizon

payment mechanism: (i) pay per use; (ii) subscription model; or (iii) outright purchase of the device. VAT was not applied to device costs as outlined in the NICE Diagnostics Assessment Programme manual.¹⁰⁰ The costs of the devices are reported in **Table 1**.

Table 1 Remote continuous monitoring device costs

	Cost (exc. VAT)	Unit	Modelled cost per year	Modelled cost per 5 years (base case time horizon)
PKG	£225	Per use per patient	£450*	£2,250*
Kinesia 360	£224	Monthly device subscription	£2,688 [†]	£13,440 [†]
STAT-ON	£1,600	Annual device subscription	£1,600 [†]	£8,000 [†]
KinesiaU	£64	Monthly subscription per patient	£768 [†]	£3,840 [†]
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*Excludes initial assessment(s), [†]assumes one patient per subscription/device with routine use over a 5-year time horizon

The PKG device requires a payment of £225 per application. The cost is inclusive of the postage of the data logger to the patient, postage back to GKC and the PKG report made available via the online portal. Kinesia devices use a subscription service cost model with monthly fees of £224 and £64 for Kinesia 360 and KinesiaU products, respectively. KinesiaU comprises patient-level costs for access to the company's smartphone/smartphone app (£5 per month) and clinician-specific costs for access to the KinesiaU portal (£59 per month). STAT-ON uses a subscription model with an annual licence fee (£1,600). This grants the user(s) a device, charger kit and adjustable belt with clinical and technical support as well as a 2-year warranty. Kinesia 360, STAT-ON, and PDMonitor allow multiple users to access the subscribed or purchased devices (albeit with new straps required). Besides PKG, it is unclear whether broader costs for the delivery and management of devices are included in the company costs (e.g. device delivery, administration, relevant support, etc.). The costs of potential loss or damage to devices is not stated by the companies and for simplicity is not included in the model.

The EAG assumes subscription models (Kinesia 360, KinesiaU and STAT-ON) continuously run over the course of the model time horizon for routine strategies and for the recurrent monitoring scenario. PDMonitor is treated as a one-time up-front cost, with no additional intervention costs for repeated use. The EAG believe this to be reasonable on the basis that the model time horizon falls within the company stated lifetime of the device (approximately 7-years). For one-time use remote monitoring strategies, it was assumed that a 3-month subscription was required for Kinesia products (in line with the 12-week follow-up in Isaacson et al. (2019)⁸⁹), and a one-year subscription for STAT-ON. The EAG acknowledges that the one-time monitoring strategy does not align with the companies positioning of purchased (PDMonitor) or subscription-based services (Kinesia 360, KinesiaU and STAT-ON) and may incur further administrative burden and implementation costs relative to one-time PKG use.