

South East London Integrated Medicines Optimisation Committee Formulary recommendation

Reference:	130
Intervention:	Hydrocortisone (Alkindi [®]) granules in capsules for opening 0.5mg, 1mg
	and 2mg for replacement therapy of adrenal insufficiency in infants and
	children (neonates – 5 years old) (Hydrocortisone is a glucocorticoid steroid)
Date of Decision:	December 2021
Date of Issue:	February 2022 (time limited approval for 12 months)
Recommendation:	Amber 2 – initiation and first prescription from the specialist paediatric
	team
Further Information	 Hydrocortisone granules in capsules* (Alkindi®) 0.5mg,1mg and 2mg are accepted for use in South East London for the replacement therapy of adrenal insufficiency. Use is restricted to the following patient cohort: Infants and children (aged from neonates – 5 years old) who require a dose of hydrocortisone that is 2.5mg three times a day or less. The approval aims to support more accurate dose administration in younger infants and children who are unable to swallow tablets, or who require small doses. The use of Alkindi® in children over 5 years old is not supported by this recommendation. Once an infant or child reaches a dose of hydrocortisone above 2.5mg, it is recommended the infant or child is reviewed by their specialist team for switching from Alkindi® to hydrocortisone 10mg tablets. It is not recommended infants, children and adolescents are routinely switched from hydrocortisone 10mg tablets to Alkindi[®] unless their dose is 2.5mg three times a day or less. In such circumstances, specialist teams should ensure the recommendations from the <u>MHRA drug safety alert</u> regarding the risk of acute adrenal insufficiency when switching from crushed hydrocortisone tablets to Alkindi[®] are shared with parents and carers. The initial prescription and supply will come from the initiating specialist team. Prescribing can then be continued in primary care under "Amber 2" arrangements. Parents/carers must be counselled on the appropriate administration of Alkindi[®], as described in the <u>product information</u>. The use of Alkindi[®] 5mg capsules is not supported by this recommendation. The use of Alkindi[®] 5mg capsules is not supported by this recommendation. The use of Alkindi[®] 5mg capsules is not supported by this recommendation. The use of Alkindi[®] 5mg capsules is not support and will be coordinated across all trusts in
Transfer of care	
required:	
Cost Impact for	Local experts estimate there will be approximately 10-20 patients per year
agreed patient	initiated on Alkindi [®] , of which ~75% (15 patients) will be from SEL.
group	 For SEL, this equates to ~£45,000 - £90,000k per year (~£2,400 – £4,750 per 100,000 population).

South East London Integrated Medicines Optimisation Committee (SEL IMOC). A partnership between NHS organisations in South East London: South East London Clinical Commissioning Group (covering the boroughs of Bexley/Bromley/Greenwich/ Lambeth/Lewisham and Southwark) and GSTFT/KCH /SLaM/ Oxleas NHS Foundation Trusts and Lewisham & Greenwich NHS Trust



Usage Monitoring	Acute Trusts:
	 Monitor and audit usage of Alkindi[®] as agreed and report back to the Committee
& Impact	in 12 months (data to be collated and presented no later than February 2023).
Assessment	SEL Borough Medicines Optimisation Teams:
	Monitor ePACT2 data and exception reports from GPs if inappropriate prescribing
	requests are made to primary care.
Evidence	References (from evidence evaluation)
reviewed	 Bornstein, S., Allolio, B., Arlt, W., Barthel, A., Don-Wauchope, A., Hammer, G., Husebye, E., Merke, D., Murad, M., Stratakis, C. and Torpy, D., 2016. Diagnosis and Treatment of Primary Adrenal Insufficiency: An Endocrine Society Clinical Practice Guideline. <i>The Journal of Clinical Endocrinology & Metabolism</i>, [online] 101(2), pp.364-389. Available at: here [Accessed 25/11/21]. Speiser, P., Arlt, W., Auchus, R., Baskin, L., Conway, G., Merke, D., Meyer-Bahlburg, H., Miller, W., Murad, M., Oberfield, S. and White, P., 2018. Congenital Adrenal Hyperplasia Due to Steroid 21-Hydroxylase Deficiency: An Endocrine Society* Clinical Practice Guideline. <i>The Journal of Clinical Endocrinology & Metabolism</i>, [online] 103(11), pp.4043-4088. Available here <> [Accessed 25/11/21]. Bnfc.nice.org.uk. 2021. <i>Corticosteroids, replacement therapy Treatment summary BNFc content published by NICE</i>. [online] Available here < [Accessed 25/11/21]. Scottishmedicines.org.uk. 2021. <i>hydrocortisone 0.5mg, 1mg, 2mg and 5mg granules in capsules for opening (Alkindi®)</i>. [online] Available here: > [Accessed 25/11/21]. CKS.nice.org.uk. 2021. Scenario: Management Management Addison's disease CKS NICE. [online] Available here [Accessed 25/11/21]. Bsped.org.uk. 2021. Alkindi 5 mg granules in capsules for opening - [Accessed 7/12/21]. Medicines.org.uk. 2021. Alkindi 5 mg granules in capsules for opening - [Accessed 25/11/21]. Medicines.org.uk. 2021. Alkindi 5 mg granules in capsules for opening - Summary of Product Characteristics (SmPC) - (emc). [online] [Accessed 25/11/21]. Ink no longer available]. SmPC via manufacturer available here Ema.europa.eu. 2021. Assessment report Alkindi. [online] Available here [Accessed 25/11/21]. Neumann, U., Whitaker, M., Wiegand, S., Krude, H., Porter, J., Davies, M., Digweed, D., Voet, B., Ross, R. and Blankenstein, O., 2017. Absorption and tolerability of taste-masked hy

NOTES:

- a) SEL IMOC recommendations and minutes are available publicly via the website.
- b) This SEL IMOC recommendation has been made on the cost effectiveness, patient outcome and safety data available at the time. The recommendation will be subject to review if new data becomes available, costs are higher than expected or new NICE guidelines or technology appraisals are issued.
- c) Not to be used for commercial or marketing purposes. Strictly for use within the NHS.