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ESPS Manuscript NO: 25696

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Drug Delivery Interfaces: A Way to Optimize Inhalation Therapy in
Spontaneously Breathing Children

Arzu Ari

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D Hillsman - US Patent 4,984,158, 1991 - Google Patents

... Apr 7, 1998, Aradigm Corporation, Lockout device for controlled release of *drug* from patient ... 20,
1998, Aradigm Corporation, Disposable package for use in aerosolized *delivery* of *drugs*. ... 27,
1998, Aradigm Corporation, Hand held device for *delivering* aerosolized *medication* to a ...

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[引用] Inhalatory *therapy* training: a priority challenge for the physician

AS Melani - Acta Bio Medica Atenei Parmensis, 2007

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researchgate.net

Aerosol *drug delivery*: developments in device design and clinical use

MB Dolovich, R Dhand - The Lancet, 2011 - Elsevier

... with the same *drug* from different *delivery* systems 11 or between different *drugs* within the ... 2).
Because of losses within the *inhaler* and on the mouthpiece, 15 *drug delivery* as recorded ...
formulation of the new hydrofluoroalkane pMDIs are shown in table 1. The *drug* output and ...

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New aerosol *delivery* devices for cystic fibrosis

KC Kesser, DE Geller - Respiratory care, 2009 - rc.rcjournal.com

... for some markets (Europe, Israel, and Australia) in response to the long *treatment* times for CF
drugs, and was ... The *medication* res-ervoir was designed to have a larger residual volume, and
the aerosol chamber is smaller, so it conserves less *drug* during exhalation (ie ...

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Aerosol delivery device selection for spontaneously breathing patients: 2012

[A Ari](#), RD Restrepo - Respiratory care, 2012 - rc.rcjournal.com

Aerosol Delivery Device Selection for Spontaneously Breathing Patients: 2012. ... the patient's age, physical and cognitive ability, cost, and the availability of the prescribed drug for use ... who cannot correctly use a mouthpiece, aerosol masks are suggested as the interface of choice ...

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... 2013. Delivery of inhalation drugs to children for asthma and other respiratory diseases. Advanced Drug Delivery Reviews . [CrossRef] 8. Jolyon P Mitchell, Mark W Nagel. 2013. ... 2013. Asthma medication delivery: Mists and myths. Paediatric Respiratory Reviews 14, 112-118. ...

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during aerosol **therapy** in simulated **spontaneously breathing** adult and pediatric models. ... attached to all the **interfaces** used in this study with supplemental oxygen of 2 lpm, ... t-test and one-way analysis of variance were used for data analysis. ... Key words: adults, aerosols, **drug delivery**, face mask, **inhalation therapy**, ...

[DOC] Delivery of inhaled medication in adults - Stanford University

web.stanford.edu/.../breathingeasiermexico/Delivery%20of%20inhaled%20... ▾ [翻译此页](#)

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Inhalation (or aerosol) **therapy** can be employed with a range of medications using a A flow of 8 L/min is recommended to **optimize drug delivery** [7]. ... of aerosol can occur when a face mask is used, especially in young **children** [21]. the delivery of aerosols by nebulizer or MDI in a **spontaneously breathing** patient with ...

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J Aerosol Med Pulm **Drug** Deliv. In vitro evaluation of aerosol **delivery** by different nebulization modes in pediatric and adult ... 7: Ari A, Fink JB, Dhand R. **Inhalation therapy** in patients receiving mechanical ventilation: an update. ... Using Different **Interfaces** in Simulated **Spontaneously Breathing** Adults and **Children**.

[PDF] The Effect of Aerosol Devices and Administration Techniques on Dru...

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作者: BR Alhamad - 2013 - 被引用次数: 1 - [相关文章](#)

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