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AIM

To validate a new bladder diary (BD) as an APP for smart-phone (eDM3d) through its comparison with the paper Spanish validated 3-day BD (DM3d)

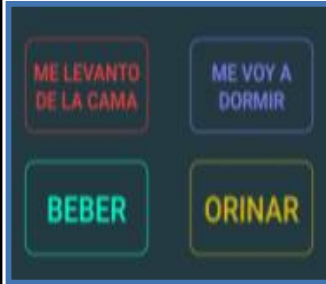
DIARIO MICCIONAL (3 días - períodos de 24 horas)

Diario miccional: **DÍA 1** Fecha: / /

Nombre: Apellidos:

Hora a la que se levanta de la cama: hora a la que se acuesta:

HORA	VOLUMEN orinado (ml ó cc)	URGENCIA su grado (0-4)	ESCAPE DE ORINA Tipo: por urgencia o con esfuerzos	MUDA De ropa, pañal, compresas	BEBIDA (ml ó cc)



MATERIAL AND METHODS

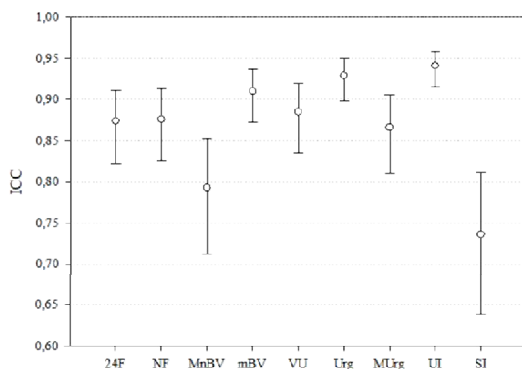
- Cross-sectional prospective study
- **Patients:** ≥18yo, OABs or nocturia, with smart-phone
- **Questionnaires:**
 - First week: ICIQ-SF, BSAQ, paper DM3d and eDM3d (test)
 - After 15 days: eDM3d (retest)
 - Satisfaction: "If you had to complete a BD again, would you choose the paper or the app?"
- **Statistical analysis:**
 - 42 variables from each BD
 - Feasibility: % of completion
 - Test-retest reliability: Mc Nemar test, intraclass correlation coefficient (ICC)
 - Paper-app correlation: Kappa index, ICC
 - Convergent validity (eDM3d vs ICIQ-SF, BSAQ): Spearman correlation

RESULTS

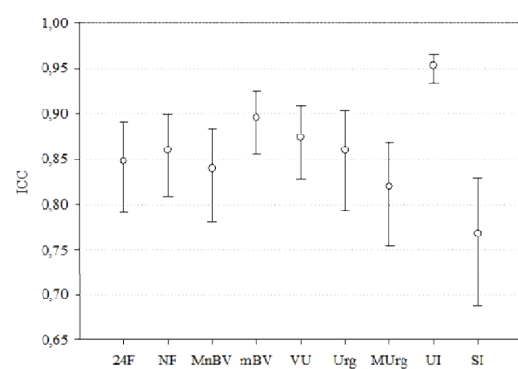
- 54 (39.7%) women, 82 (60.3%) men; 59.6 ± 12.2 yo
- OABs: 113 (83.1%); Nocturia: 125 (91.9%)

Validation:

- **Feasibility:** 91.2% patients completed ≥80% variables
- **Reliability:** No ≠ at McNemar test. ICC: 0.74 - 0.94 (p<0.05)
- **Paper - app correlation:** Kappa index: 0.74 - 0.88 (p<0.05). ICC: 0.77 - 0.95 (p<0.05)
- **Convergent validity:** Spearman correlation : 0.23 - 0.61 (p<0.05)

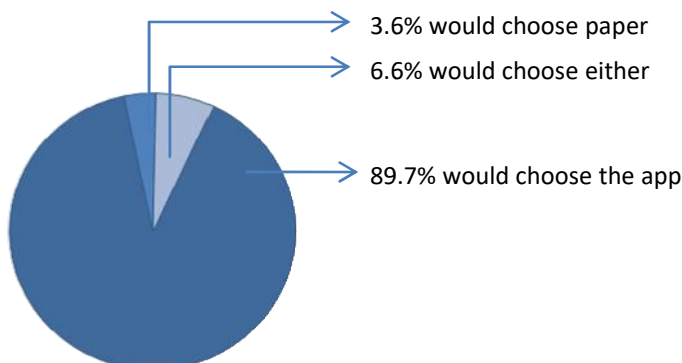


Test-retest reliability



Paper-app correlation

Satisfaction



CONCLUSION

The eDM3d showed good feasibility, reliability and validity to be used in the assessment of patients with OABs or nocturia, with high patients' satisfaction rate.