

From invention to innovation

APPLICATIONS

- Early trouble detection
- Can be used in daycare centers, doctors' offices and hospitals

DEVELOPMENT PHASE

Functional prototype available for demonstration

PUBLICATIONS

Brunet, O., & Lézine, I. (1951/1983). Le développement psychologique de la première enfance, EAP.

Josse, D. (1997), Le Brunet-Lézine révisé : échelle de développement psychomoteur de la première enfance, EAP.

Nader-Grosbois, N. (2008). Les Echelles d'Evaluation du Développement Cognitif Précoce : Manuel illustré d'administration. Presses Universitaire de Louvain.

Vaivre-Douret, L. (2004). Précis théorique et pratique du développement moteur du jeune enfant. Paris : Elsevier (nouvelle édition).

INTELLECTUAL PROPERTY

Pending patent application

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BABYLEARN, A TABLET APPLICATION TO TEST COGNITIVE AND VISUO-MANUAL COORDINATION ABILITIES OF BABIES

Babylearn is a multitouch tablet application that checks up cognitive and visuo-manual coordination abilities of 3- to 5-month-old babies

Dyspraxia - Autism spectrum disorders - Visual impairment

PRESENTATION

Despite the numerous medical tests and controls young infants have to pass, some troubles are not detected early enough and may later turn into dyspraxia, autism spectrum disorders and visual impairments. It is estimated that about 10% of newborns may be affected by those troubles and the proportion is even higher for preterm newborns. Those troubles may have strong consequences on children development and later lead to school failure and lack of social integration. Moreover, the more the diagnosis is delayed, the less the remediation program is efficient and the more the trouble may remain permanently. Babylearn is a unique application that currently has no equivalent in the market. It only takes a few minutes to run the test and detect subtle dysfunctions to anticipate impairments and handicaps.



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COMPETITIVE ADVANTAGES

- Precision and accuracy of the test
- Embedded system solution
- Quick test (about 6 minutes to run)