

FALLSKIP

The biomechanical application to evaluate fall risk in older adults



FallSkip allows professionals to screen objectively the risk level of each patient, enabling to undertake preventive and customized clinical interventions depending on patient's needs, which contributes positively to healthcare sectors saving personal and economic costs stemmed from social or surgical interventions associated to falls.



ANALYZED PARAMETERS

The application allows evaluator to assess easily the patient's functional state of

- Balance pattern.
- Gait pattern.
- Coordination ability.
- Reaction time.
- Muscular strength.
- Total time.

FEATURES

- Non invasive system.
- Less than 2 minutes test.
- Risk index depending on age and gender of the evaluated subject.
- Indexes for diagnosis and decision making.
- Storage and data visualization without any external device.



FallSkip stems from the IBV's wide experience from over 40 years innovating in the fields of healthcare technologies & elderly people.

FallSkip is a biomechanical application, which allows clinicians to evaluate older adults' fall risk, attributed to their functional state. With that purpose, the system analyses their biomechanical response when performing a modified protocol of the "Time up and Go" Test (TGU).

FallSkip is especially aimed to cover the professional's needs in the fields of health surveillance, healthcare and social care services.

30% of people over 65 and 50% of those over 80 years of age fall at least once a year. In more than 70% of cases, these falls have clinical consequences such as hip fracture which average medical cost is € 8,365 per patient, representing millions of euros on health expenditure. Monitoring health with **FallSkip** in earlier stages can help to undertake initiatives that improve the quality of life and autonomy of the elderly in the future.



ADDED VALUE

- Holistic and Innovative approach based on functional assessment of daily life activities.
- Validity and reliability, with the scientific and technological support of IBV.
- Quick and easy to use.
- Aimed at any clinical environment.
- CE marking as clinical product.

Developed by:



INSTITUTO DE
BIOMECÁNICA
DE VALENCIA

INSTITUTO DE BIOMECÁNICA (IBV)
Universitat Politècnica de València. Edificio 9C
Camino de Vera s/n - E-46022 Valencia, España
Tel. +34 96 111 11 70
ibv@ibv.org - www.ibv.org

CUSTOMER SERVICE
+34 96 111 11 80
customerservice@ibv.org