

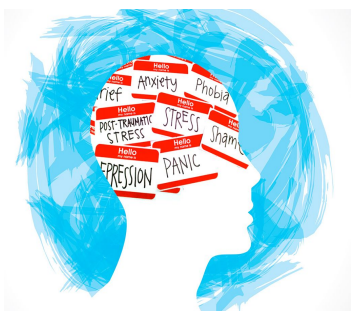


AI systems aiming to reach patients unable to contact a mental health structure\specialist and to support clinical decision-making

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Topic

- Nowadays, in Italy, about seven million people suffer from severe anxiety and depressive symptoms;
- In 2016 only 800,000 people received treatment in the Mental Health Departments;
- This number triples with increasing age and the presence of socio-economic disadvantage.



Problems

- In the last five years the use of web and Apps for "diagnosis" and/or learn more about treatments and therapies has more than doubled in the last five years;
- For these people asking for help is one of the most complicated things to do, and the need for support is often independent of an offer of care from a mental health specialist.

Aims

- To develop an AI system able, through NLP analysis, to identify the presence of depression, dysphoria or anxious symptoms;
- To constantly monitor patient condition and to enable doctors' to update the diagnosis/treatment options day by day;
- To develop a virtual medical record of the subject ('digital twin'), constantly updated.

