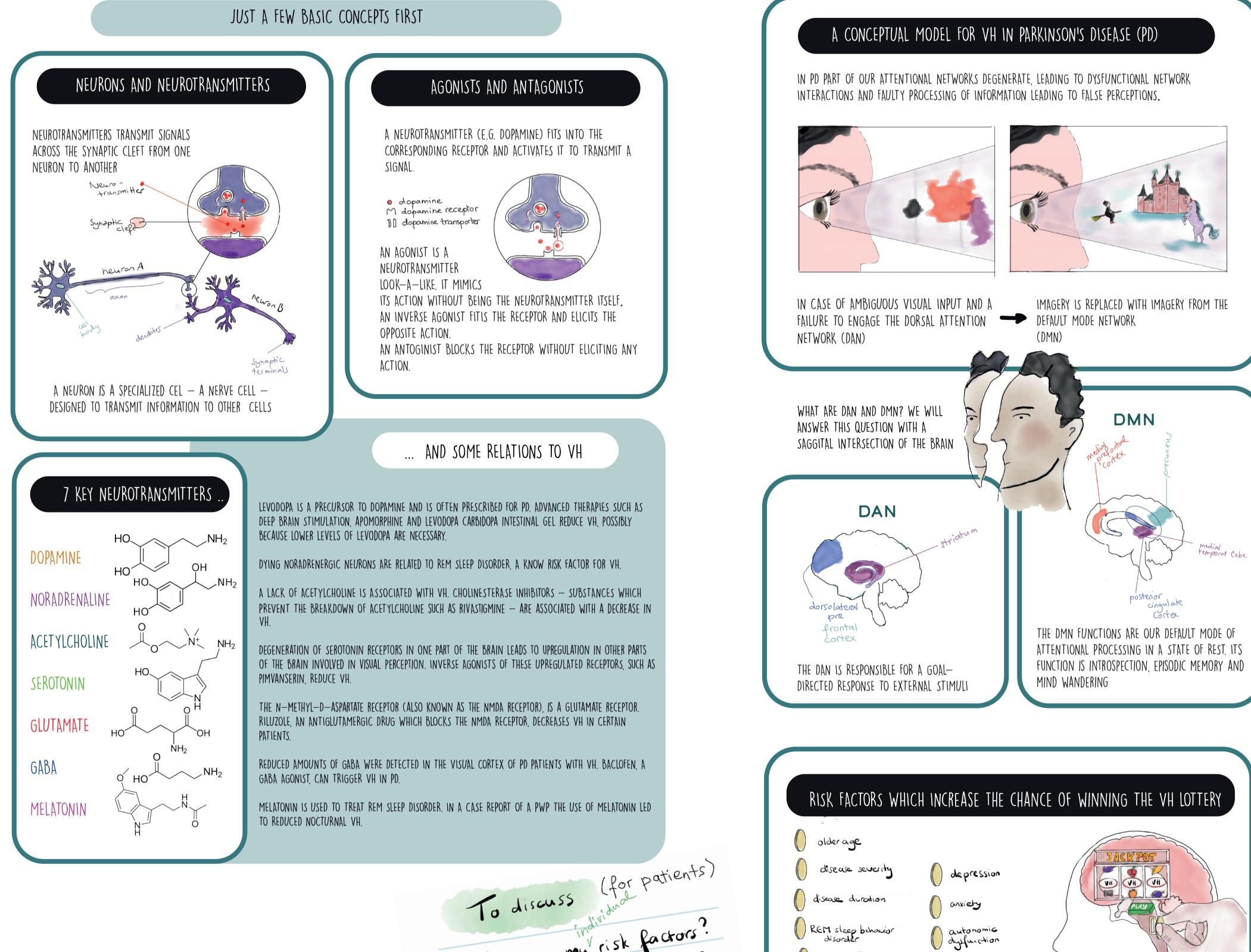
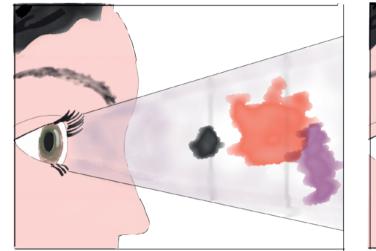
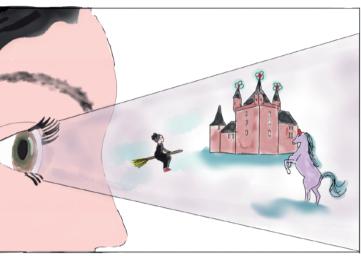
SHEDDING A LIGHT ON VISUAL HALLUCINATIONS IN PARKINSON'S DISEASE

PEOPLE WITH PARKINSON'S (PWP) LOSE NEURONS IN MULTIPLE BRAIN REGIONS. AS A RESULT, PWP EXPERIENCE ABNORMALITIES AND A DISBALANCE IN KEY NEUROTRANSMITTER PATHWAYS WHICH — IN AN INTERPLAY WITH MEDICATION — MAY LEAD TO VISUAL HALLUCINATIONS (VH)





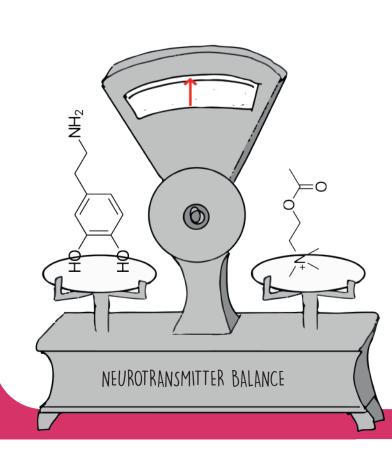




TREATMENT

To discuss (for patients) • What are my risk factors? • How can we manage these? • Can we review my medication?

Ι.	PREVENT
INCREASE SOCIAL SUPPORT & EDUCATION	REASSURE PWP THAT THE HALLUCINATIONS AREN'T REAL, E.G. BY APPROACHING THEM TOGETHER.
REDUCE AMBIGUOUS VISUAL INPUT	LITERALLY PUT ON THE LIGHTS TO REDUCE AMBIGUOUS VISUAL INPUT
TACKLE MODIFIABLE RISK FACTORS AND UNDERLYING ILLNESS	E.G USE AIDS FOR VISUAL IMPAIRMENT AND TREAT MOOD DISORDERS AND LOOK OUT FOR AND TREAT POSSIBLE PROVOKING FACTORS SUCH AS INFECTION, DEHYDRATION, CONSTIPATION ETC.



II. FIND THE RIGHT NEUROTRANSMITTER BALANCE

visual impairment

cognitive impairment

REVIEW CURRENT	CEASE NONESSENTIAL, POTENTIALLY CONTRIBUTORY
MEDICATION	MEDICATIONS, PARTICULARLY THOSE MOST RECENTLY ADDED
1.	REDUCE POLYPHARMACY WHEN POSSIBLE.

ADD NEW MEDICATION OR TREATMENTS

motor fluctuations

female sex

apathy

CONSIDER CHOLINESTERASE INHIBITORS (WHICH INCREASE THE AMOUNT OF ACETYLCHOLINE) SUCH AS RIVASTIGMINE OR DONEZEPIL

IF VISUAL HALLUCINATIONS PERSIST IN SPITE OF THE ABOVE, CONSIDER ANTISPYCHOTICS OR ELECTRO CONVULSIVE THERAPY

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