



LUNGCANCER WITH GROWING BRAINMETASTASES

20-04-10

In mid-April 2008, a 68-year-old Dane became dizzy and unwell, and examinations revealed a single brain metastasis in the left side of the brain. Radical operation of the metastasis 13.05.2008.

Diagnostic evaluation showed an operable tumor in the left lung. The tumor was removed through resection of the left lower lobe 04.06.08. Histology showed non-small cell lung cancer (adenocarcinoma) 4 cm in diameter.

Subsequently adjuvant (prophylactic) chemotherapy with cisplatin and vinorelbine, 4 series finished 28th October 2008.

Balance problems from January 2009 and MRI 12.02.09 shows metastasis in the cerebellum (small brain). The patient now had stereotactic radiotherapy against cerebellum and whole brain radiation 25 Gy in 10 fractions.

After a period, where the patient was miserable with dizziness, headache and loss of appetite, MRI 06.2009 finds numerous metastases in both cerebellum and the brain. There is no possibility of further radiotherapy.

He starts treatment with tyrosine kinase inhibitor Tarceva 150 mg daily from 30.06.2009.

The patient then stayed at Humlegaarden from 04.07.2009 to 24.07.2009. On arrival, he had problems taking care of himself because of poor memory and balance problems. We supplemented the Tarceva therapy with metronomic low dose Temozolomide, which penetrates the blood-brain barrier, 80 mg daily. Also, with Celebrex (an angiogenesis- and Cox-2 inhibitor) 200 mg 2 times daily. Furthermore, with the mistletoe compound Helixor A in increasing dosage, together with our homeopathic injections for brain metastases.

The patient was feeling very well during his stay, and continued the therapies in his home.

MRI of the brain 10.09.09 shows regression of a few metastases. MRI 30.11.09 shows stationary metastases, and MRI 18.02.10 only one small unchanged metastasis of 8 mm, the others cannot longer be found.

At our latest contact with the patient 19.04.10, 9 ½ months after his stay, the patient is fine. He takes daily walks of 1 – 2 km, and the home care nurses are giving the injections.

CONCLUSION

Low dose metronomic chemotherapy can be combined with many different drugs, and in this case the combination Temozolomide, Celebrex and Tarceva has proven very effective against multiple growing brain metastases.