Multimedia Appendix 1. Questionnaire on the use of health information technology in neurological practices and on the needs of neurologists for future eHealth services.

No.	Question/Answers
[1]	**You are working as ...**
[1a]	Neurologist & Psychiatrist
[1b]	Neurologist
[1c]	Further qualifications: (Free text)
[2]	**Do you work in a practice which is specialized in MS?**
[2a]	Yes
[2b]	No
[3]	**How many patients have been treated in your practice within the last quarter?**
[3a]	Less than 100
[3b]	Between 100 and 200
[3c]	More than 200
[4]	**You are working in ...**
[4a]	a private practice
[4b]	a hospital
[5]	**Do you access the Internet in your practice?**
[5a]	Yes
[5b]	No
[5c]	**If so, what do you use it for? (Multiple answers possible)**
[5c1]	Research (e.g. addresses, latest study results)
[5c2]	Clinical documentation
[5c3]	Documentation on intervention studies
[5c4]	Documentation on non-intervention studies (NIS)
[5c5]	Other: (Free text)
[6]	**How is patient data documented?**
[6a]	Documentation of patient data via an IT network
[6b]	Documentation of patient data on a single IT device
[6c]	Other: (Free text)
[7]	**Are the IT devices in your practice continuously connected to the Internet?**
[7a]	Yes
[7b]	No
[8]	**Which type of data transmission do you prefer (e.g. for connection with**

No.	Question/Answers
	research registers)?
[8a]	Online (via continuous Internet connection)
[8b]	Offline
[9]	**How can eHealth services assist you in your daily duties as a physician?**
[9a]	eHealth services can be beneficial in any way.
[9b]	eHealth services do not provide any use to me.
[9c]	eHealth services can partially be beneficial to me.
[9d]	**If so, in which aspects can eHealth services assist you in your daily duties as a physician? (Multiple answers possible)**
[9d1]	*Protection* against recourses and for audits
[9d2]	Clinical documentation
[9d3]	Documentation on intervention studies
[9d4]	Documentation on non-intervention studies (NIS)
[9d5]	Other: (Free text)
[10]	**How can eHealth services assist your nurses in their daily duties?**
[10a]	eHealth services can be beneficial in any way.
[10b]	eHealth services do not provide any use to them.
[10c]	eHealth services can partially be beneficial to them.
[10d]	**If so, in which aspects can eHealth services assist your nurses in their daily duties?** **(Multiple answers possible)**
[10d1]	Clinical documentation
[10d2]	Documentation on intervention studies
[10d3]	Documentation on non-intervention studies (NIS)
[10d4]	Other: (Free text)
[11]	**Would you like to share information with your patients for patient education via eHealth services?**
[11a]	Yes
[11b]	No
[11c]	Partially yes

[12]	**Can eHealth services assist you in your physician-patient-communication?**
[12a]	Yes
[12b]	No
[12c]	Partially yes
[13]	**Can eHealth services assist you in retrieving patient data?**
[13a]	Yes
[13b]	No
[13c]	Partially yes
[14]	**Can eHealth services assist you in diagnosing specific MS symptoms and courses of disease?**
[14a]	Yes
[14b]	No
[14c]	Partially yes
[15]	**Do you consider an MS-specific clinical documentation desirable?**
[15a]	Yes
[15b]	No
[15c]	**If so, which aspects should be considered? (Multiple answers possible)**
[15c1]	Clinical parameters (e.g. relapse rate, EDSS, progression)
[15c2]	Parameters of quality of life
[15c3]	Symptomatic parameters (e.g. for depression, fatigue)
[15c4]	Further clinical parameters: (Free text)
[15c5]	Further patient-related parameters: (Free text)
[15c6]	Other parameters: (Free text)
[16]	**Do you consider a more connected electronic MS-specific clinical documentation desirable?**
[16a]	Yes
[16b]	No

No.	Question/Answers
[17]	**Future electronic documentation systems should assist you in …** **(Multiple answers possible)**
[17a]	Import of data from other systems
[17b]	Integration into clinical or research networks
[17c]	Further aspects: (Free text)
[18]	**Do you know the Multiple Sclerosis Documentation System (MSDS)?**
[18a]	Yes
[18b]	No
[18c]	**If so, which version do you use?**
[18c1]	MSDS Praxis
[18c2]	MSDS Clinic
[18c3]	None
[18d]	**Are there any reasons for not using MSDS? (Free text)**