



# Dear participants,

Thank you so much for participating in this survey. This survey will help us to learn more about the impact that MDS has on your life.

This questionnaire is designed to be filled in anonymously. There is no need to add your name or contact details.

If you have completed this questionnaire before, thank you for participating and please disregard this questionnaire.

## Why we are conducting this survey:

The information gathered from these questionnaires will be used to develop programmes to assist patients and their families, to educate physicians, nurses, and other allied healthcare professionals.

It will also help us to work with governmental and private agencies/companies to provide better care and service to you, the MDS patient.

The anonymised data may be used for future publications, and shared with other researchers interested in MDS Quality of Life data. You will not be identifiable in any publications as all data will be used anonymously.

### How to fill out this questionnaire:

This questionnaire contains questions concerning your quality-of-life, the referral process you went through, the information you received, the knowledge that you have about MDS as a disease, and the impact that MDS treatment has on your life and the lives of those around you.

There are no right or wrong answers. **Please try to answer all of the questions if you can** – this will help greatly with the quality of the results of this important project. If you do not know the answer to a question please just write "I don't know", rather than leaving it blank.

This should take between 30 – 45 minutes of your time to fill out.

Please post it back to us using the reply paid envelope by this date:					

Questionnaires posted or emailed to us will be fully anonymised when entered into our database.

Thank you again for your participation!

# Thank you very much for completing the questionnaire.

Your input is very valuable in helping the MDS UK Patient Support Group to focus its efforts on providing the things patients, their families and carers want and need.

# Please detach this page and keep it

If you have any additional comments, which you wish to remain anonymous, please add them at the end of the survey.

Alternatively – for comments outside this survey – please use the contact details below:

Email:	mds-uk@MDS-Foundation.org
Write to:	Sophie Wintrich, Chief Executive MDS UK Patient Support Group Haematology – Bessemer Wing King's College Hospital Denmark Hill Campus London SE5 9RS
Tel:	020 7733 7558
Web:	www.mdspatientsupport.org.uk

# Survey Contents This survey contains 5 parts. Please only answer the questions applicable to you and your circumstances. Please follow the instructions where given (for example: → Skip to Q 1.1). Part 1 Demographic questions Part 2 MDS diagnosis process and information Part 3 Your MDS subtype and MDS treatment Part 4 Practical impact of MDS Part 5 General support for MDS patients and carers

Part 1 – Demographic questions									
1.1	Your ag	e (in years):			_				
1.2	Are you	: □ Male			Female				
1.3	To which of these ethnic groups would			l you say you belong?					
	□ W	hite – British or Irish		Mixed –	White & Asian		Asian - Chinese		
	□ W	hite - Other		Asian – I	ndian		Black - Caribbean		
	□ M	ixed – White & Black Caribbean		Asian - B	angladeshi		Black - African		
	□ м	ixed – White & Black African		Asian - P	akistani		Other, please specify:		
1.4	Specify	the total number of years spen	t in ec	ducation/	training:				
1.5	Please i	ndicate the highest level of edu	catio	n you hav	e completed:				
		Did not finish secondary school		University	– first degree				
		Secondary school graduate		University	– higher degree	!			
		College/Technical qualification		Other, <b>ple</b>	ase specify:				
1.6	Please t	ick the box that best describes	your	current m	arital status:				
	_ n	Married/ civil partnership		Separate	ed				
	_ n	Not married but living together		Divorced	l				
		Never married		Widowe	d				
1.7	Please t	ick the box that best describes	your l	living arra	ngements:				
	_ L	ive alone							
	_ L	ive with spouse/significant othe	er only	/					
	_ L	ive with other family (may inclu	de sp	ouse/signi	ficant other)				
	_ L	ive with non-family members							
		Assisted living accommodation							
		Other, please specify:							

1.8		<b>s the first part of your p</b> note this <b>cannot</b> be used t		•	•	aracter	s, suc	h as E9, CR2 or PL12	)
1.9	Please	tick the box that best d	escribe	s which	area of the UK y	you cur	rently	live in:	
		Greater London		Yorksh	ire and the Hum	ber		East Midlands	
		South West England		Scotla	nd			West Midlands	
		South East England		North	West England			Wales	
		East of England		North	East England			Northern Ireland	
1.10	Please	tick the box that best d	escribe	s your c	urrent employm	nent sta	itus:		
		Full-time employment			Unemployed –	and see	king v	work	
		Part-time employmen	t		Unemployed –	unable	to wo	ork for health reasons	S
		Retired			Student				
		Disability			Other, please s	pecify:			
1.11	Please	indicate the level of inc	ome fo	r your i	mmediate house	ehold p	er anı	num (yearly):	
		Below £15,000		-	00 and above			,000 and above	
		£15,000 and above			00 and above			er not to say	
		£25,000 and above		,	000 and above		rreit	ir not to say	
1 12							/_		
1.12	-	ur MDS necessitated a cart-time instead of full-	_	-	• •	-	-	• • •	N
		No ──► Skip to	Q 1.13			Yes			
1.12.1	If yes,	please describe the cha	nge:						
1.13	Please	tick the ONE box that b	est des	cribes y	our abilities at t	he PRE	SENT	time:	
		I feel as well as usual; I	have no	compl	aints or sympton	ns			
		I am able to carry on m	y usual	activitie	es; I have minor s	signs or	symp	otoms of my MDS	
		It takes a bit of effort to	o engag	e in my	usual activity				
		I can care for myself, bu	ut am ui	nable to	carry on usual a	activity	or do	active work	
		I require occasional ass	istance	but am	able to take care	e of mo	st of ı	my personal needs	
		I require a considerable	e amour	nt of ass	istance and freq	uent m	edica	l care	
		I require special care ar	nd assist	tance					
		I am or feel severely dis	sabled a	ind nee	d to be hospitalis	sed			

	Part 2 - MDS diagnosis process and information							
2.1	Before you were diagnosed, did you have any statigue/ breathlessness/ repeated infection/ br							
□ No → Skip to <b>Q 2.1.2</b>								
	☐ Yes, please list your symptoms:							
2.1.1	How much time passed from symptoms to seein							
	☐ Less than 1 week	☐ 6 months – 1 year						
	□ 1 week – 2 months	☐ More than 1 year, please specify:						
2.1.2	What were the events that eventually led to yo	ur MDS diagnosis?						
	☐ A blood test carried out to investigate my	•						
	<ul> <li>A routine blood test or a blood test carrie results.</li> </ul>	d out for any other reason revealed abnormal						
	<ul><li>Emergency admission</li></ul>							
	□ Other, please specify:							
2.2	Please specify the role of the health professional abnormal results (e.g. GP, rheumatologist, card	al who ordered the first blood test, which revealed iologist etc.):						
	Please specify the role of the health professions rheumatologist, cardiologist etc.):	al who referred you to a haematologist (e.g. GP,						
2.2.1	How much time passed from first seeing a GP (reventually seeing a haematologist at a hospital							
	☐ I didn't see a GP → Skip to <b>Q 2.2.3</b>							
	☐ Less than 1 week ☐ 2	months – 6 months						
	☐ 1 week – 3 weeks ☐ M	ore than 6 months, please specify:						
	☐ 3 weeks – 2 months							
2.2.2	How many GP visits did you have before seeing issues caused by MDS)?	a haematologist at a hospital (regarding the health						
	□ 1 visit □ 4	– 6 visits						
	□ 2 – 3 visits □ M	ore than 6 visits, please specify:						
2.2.3	How many blood tests did you have before seei	ng the haematologist at a hospital?						

2.2.4	When you saw your GP, do you think he/she was already familiar with MDS?						
	□ No	☐ Yes – definitely					
	☐ Yes – to some extent	Don't know					
225							
2.2.5	Have you ever heard of the MDS Centres of Ex	cellence?					
	☐ No – this is the first time I have heard of	the MDS Centres of Excellence					
	□ Yes						
2.2.6	Have you been referred to an MDS expert at a (specialist centre)?	tertiary hospital/ MDS Centre of Excellence					
	Yes, my haematologist made the decision	to refer me					
	☐ Yes, but I had to request my haematologis	st/GP to refer me					
	<ul><li>□ No, I have not been referred to a tertiary</li><li>Skip to Q2.4</li></ul>	hospital/ MDS Centre of Excellence (specialist centre)					
	☐ My local hospital is an MDS Centre of Exc	ellence Skip to <b>Q2.4</b>					
	□ Don't know → Skip to <b>Q2.4</b>						
2.3	How much time passed from seeing a haemate	ologist to a referral to a tertiary hospital/ MDS Centre					
	of Excellence (specialist centre)?						
	☐ Less than 1 week	☐ 6 months – 1 year					
	☐ 1 week – 2 months	☐ More than 1 year, please specify:					
	□ 2 months − 6 months						
INFO	MDS Centres of Excellence (CoE) are treatmen the highest standards of care in MDS. The MDS	t centres, that have been recognised for maintaining S CoE status is awarded by MDS Foundation.					
	In UK, there are 9 MDS CoE:	Other UK tertiary hospitals with MDS experts:					
	King's College Hospital, London	Nottingham University Hospitals NHS Trust					
	MDS experts: Prof Mufti, Prof Marsh,	MDS expert: Dr Das-Gupta					
	Dr Kulasekararaj, Prof Pagliuca	Brighton and Sussex University Hospital					
	St. James's University Hospital, Leeds	MDS expert: Dr Dalley					
	MDS expert: Prof David T. Bowen	Hull and East Yorkshire Hospitals					
	Addenbrookes NHS Trust, Cambridge	MDS experts: Dr Carter					
	MDS expert: Prof Alan J. Warren	Worcestershire Royal Hospital					
	Queen Elizabeth Hospital, Birmingham	MDS expert: Dr Mills					
	MDS experts: Prof Craddock, Dr Raghavan, Radcliffe Hospitals and University of Oxford	Beatson West of Scotland Cancer Centre, Glasgow MDS expert: Dr Drummond					
	MDS expert: Dr Vyas, Prof Boultwood	Royal Cornwall Hospital, Truro					
	The Royal Bournemouth Hospital,	MDS expert: Dr Kruger					
	MDS expert: Dr Killick	Great Western Hospital, Reading					
	Aberdeen Royal Infirmary,	MDS expert: Dr Sternberg					
	MDS expert: Dr Culligan	Northampton General Hospital					
	University Hospital of Wales, Cardiff	MDS expert: Dr Parker					
1							
	MDS Expert: Dr Kell	Newcastle Hospitals NHS Foundation Trust					
	MDS Expert: Dr Kell Christie NHS Foundation Trust, Manchester	Newcastle Hospitals NHS Foundation Trust MDS expert: Dr Jones					

2.4	Which type of physician provided the confirmed diagnosis of MDS?					
	□ GP					
	☐ General haematologist					
	☐ Specialist MDS haematologist at tertiary hospital/MDS Centre of Excellence					
2.5	Overall, how long was it from the first indication that something was wrong with your health, until confirmed diagnosis of MDS?					
	□ 1 month or less □ 6 months − 1 year					
	☐ 2 months — 3 months ☐ More than 1 year, please specify:					
	□ 3 months – 6 months					
2.6	AT TIME OF DIAGNOSIS, were you given sufficient <u>verbal information</u> for your needs about MDS by healthcare staff?					
	□ No – I only received minimal verbal information					
	☐ I received some verbal information					
	☐ Yes — I was sufficiently informed for my needs					
2.7	AT TIME OF DIAGNOSIS who provided the <u>verbal information</u> ? (Such as GP, nurse, clinician, other)					
2.8	AT TIME OF DIAGNOSIS how was MDS explained? What words were used? What key words do you remember?					
2.8.1	AT TIME OF DIAGNOSIS was MDS referred as any of the following? (tick all that apply)					
	☐ Refractory anaemia/cytopenia ☐ Bone marrow failure disorder					
	☐ Blood disorder ☐ Malignant condition					
	☐ Blood cancer ☐ Pre-leukaemia					
2.9	How do you feel about the way you were told you had MDS?					

2.10	AT TIME OF DIAGNOSIS what indication was given to you about the possible outcome of your MDS (the prognosis)?									
2.11	1	AT TIME OF DIAGNOSIS how useful was the <u>verbal information</u> you received?  Please answer using the scale where 1 = Not at all useful and 5 = Extremely useful								
			Not at all us	seful		Ex	Extremely useful			
	Verb	al information	1	2	3	4	5			
2.12	AT TIM	E <b>OF DIAGNOSIS, were</b> No  → Skip t		ritten info	rmation abo	out MDS?				
2.12.1	AT TIM	E OF DIAGNOSIS who ျ	provided the <u>v</u>	written in	formation?	(Such as GP,	, nurse, clir	nician, other)		
2.12.2	AT TIME OF DIAGNOSIS what type of written information did you receive and how useful was it?  Please tick and rate all that apply.  Please answer using the scale where 1 = Not at all useful and 5 = Extremely useful									
	Tick	if received:	No	Not at all useful			Extremely useful			
		Leaflet		1	2	3	4	5		
		Booklet		1	2	3	4	5		
		Newsletter		1	2	3	4	5		
		CD		1	2	3	4	5		
		DVD		1	2	3	4	5		
		Other, please specify	<b>y</b> :	1	2	3	4	5		
2.13	AT TIM	E OF DIAGNOSIS were	options of tre	eatment g	iven?	<u></u>		<u></u>		
		No – I was told I was	watch-and-wa	it status	——→ Skip	to <b>Q 2.16</b>				
		Yes – Active treatmer	nt and/or supp	ortive car	e/ transfusi	ons				
		Don't know/ can't rer	member —	→ Skip to	Q 2.16					
		Other, please specify	•							
2.14	AT TIM	E OF DIAGNOSIS were	options of tre	eatment n	nentioned ir	n Q 2.13 exp	lained clea	rly?		
		No			Yes					
		Other, please specify:								

2.16	AT TIM mentio	E OF DIAGNOSIS was either IPSS ned?	(International P	rognostic	Scoring	Scale) or IP	'SS-R	
		No	□ Yes					
		Don't know/ can't remember						
INFO	the pro	ands for the International Progn gnosis in MDS patients. IPSS-R i oth IPSS and IPSS-R are current	s the revised vers	ions of th	ne IPSS, v	_		
2.17	When	ou think about your feelings on	your diagnosis,	what wor	ds come	to mind?		
2.18		VING DIAGNOSIS did you seek f t (other than that received at tii			•		ties, librarie	!S,
		No						
		Yes, please list these further so using a scale where 1 = Not at					efulness	
		Source of information	Not at all	useful		Extreme	ly useful	
			1	2	3	4	5	
			1	2	3	4	5	
			1	2	3	4	5	
			1	2	3	4	5	
			1	2	3	4	5	
	1	Part 3 - Your MDS	S subtype and MI	OS treatm	<u>ent</u>			
3.1	What	date was your MDS diagnosed?		/				
			M M	\	/ Y			
3.2	AT TIN	ME OF DIAGNOSIS were you told	what subtype of	MDS you	u had?			
		No						
		Yes → Skip to <b>Q 3.3</b>						
		Don't know/ can't remember						
3.2.1	Did yo	ou later find out what subtype o	f MDS you had?					
		No						
		Yes – my physician told me		_				
		Yes – but I had to request the	information spec	ifically				
		Don't know/ can't remember						

3.3	Please specify what subtype of MDS you had <u>AT TIME OF DIAGNOSIS</u> and what subtype of MDS you have <u>NOW</u> . Please tick both boxes even if no change:								
	MD	S subtype <u>AT DIAGNOSIS</u>	N	ΛC	OS subtype <u>NOW</u>				
		Don't know/ can't remember			Don't know/ can't remember				
		RA (refractory anaemia)			RA (refractory anaemia)				
		RARS (refractory anaemia with ringe sideroblasts)	ged [	_	RARS (refractory anaemia with ringed sideroblasts)				
		RCMD (Refractory cytopenia with multilineage dysplasia)		]	RCMD (Refractory cytopenia with multilineage dysplasia)				
		RCMD –RS (Refractory cytopenia w multilineage dysplasia with ringed sideroblasts)	vith [		RCMD –RS (Refractory cytopenia with multilineage dysplasia with ringed sideroblasts)				
		RAEB (refractory anaemia with excess blasts)		]	RAEB (refractory anaemia with excess blasts)				
		RA with excess blasts-1 (RAEB 1)		]	RA with excess blasts-1 (RAEB 1)				
		RA with excess blasts-2 (RAEB 2)			RA with excess blasts-2 (RAEB 2)				
		RAEB-t (refractory anaemia with excess blasts in transformation) CMML (chronic myelomonocytic leukaemia)		]	RAEB-t (refractory anaemia with excess blasts in transformation)				
				]	CMML (chronic myelomonocytic leukaemia)				
		Del (5q) or 5q- or 5q- syndrome			Del (5q) or 5q- or 5q- syndrome				
		Unclassified MDS			Unclassified MDS				
		Other, please specify:	[		Other, please specify:				
3.4		was your most recent IPSS or IPSS-R or explanations of IPSS and IPSS-R.  IPSS risk categories	risk categ	or	y? See INFO box on page 7 under questi  IPSS-R risk categories	on			
		I don't know my IPSS Score		1	I don't know my IPSS-R Score				
		Low risk MDS		-	Very low risk MDS				
		Intermediate 1			Low risk MDS				
		Intermediate 2	OR _	-	Intermediate				
		High risk MDS		]	High risk MDS				
				]	Very high risk MDS				
3.5	Did you MDS?	u have a <u>bone marrow biopsy</u> as par	t of the te	est	s your physician used to diagnose your				
		No		,	Yes				
		Don't know							
3.6	Have y	ou had a bone marrow biopsy (at ar	ny time) si	nc	e diagnosis?				
		No		,	Yes, please specify how many:				
		Don't know							

3.7	Did your physician do <u>cytogenetic testing</u> (tests for chromosome abnormalities) as part of your diagnosis?					
	□ No → Skip to <b>Q 3.8</b>					
	□ Yes					
	□ Don't know - this was not explained to me Skip to <b>Q 3.8</b>					
	☐ Can't remember → Skip to <b>Q 3.8</b>					
3.7.1	If yes, do you know what your cytogenetic (chromosome) classification is?					
3.8	Have you ever needed transfusions as part of your MDS treatment?					
	□ No   → Skip to <b>Q 3.9</b> □ Yes					
3.8.1	What type(s) of transfusion have you had as part of your MDS treatment?					
	□ Red blood cells □ Platelets					
3.8.2	Overall, for how long have you had transfusions?					
	□ 1 month or less □ 1 year − 2 years					
	☐ 1 month – 6 months ☐ More than 2 years, <b>please specify</b> :					
	□ 6 months – 1 year					
3.8.3	At the present time, <u>how often</u> do you have transfusions?					
3.8.3	At the present time, how often do you have transfusions?  At present I do not need transfusions					
3.8.3						
3.8.3	☐ At present I do not need transfusions					
3.8.3	☐ At present I do not need transfusions ☐ More than once a week ☐ Once every 2 weeks − 1 month ☐ Once every 3 months					
3.8.3	<ul> <li>□ At present I do not need transfusions</li> <li>□ More than once a week</li> <li>□ Once every 2 weeks − 1 month</li> <li>□ Once every 3 months</li> <li>□ Once a week</li> <li>□ Once every 1 month − 2 months</li> </ul>					
3.8.3	<ul> <li>□ At present I do not need transfusions</li> <li>□ More than once a week</li> <li>□ Once every 2 weeks − 1 month</li> <li>□ Once every 3 months</li> <li>□ Once a week</li> <li>□ Once every 1 month − 2 months</li> <li>□ Infrequently - when I become symptomatic</li> </ul>					
3.8.4	<ul> <li>□ At present I do not need transfusions</li> <li>□ More than once a week</li> <li>□ Once every 2 weeks − 1 month</li> <li>□ Once every 3 months</li> <li>□ Once a week</li> <li>□ Once every 1 month − 2 months</li> <li>□ Infrequently - when I become symptomatic</li> <li>□ Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> </ul>					
	<ul> <li>At present I do not need transfusions</li> <li>More than once a week □ Once every 2 weeks − 1 month □ Once every 3 months</li> <li>□ Once a week □ Once every 1 month − 2 months</li> <li>□ Infrequently - when I become symptomatic</li> <li>□ Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> <li>□ Other, please specify:</li> <li>How many units (pints) of blood (red blood cells and/or platelets) have you had in the past 2</li> </ul>					
	<ul> <li>At present I do not need transfusions</li> <li>More than once a week</li> <li>Once every 2 weeks − 1 month</li> <li>Once every 3 months</li> <li>Infrequently - when I become symptomatic</li> <li>Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> <li>Other, please specify:</li> <li>How many units (pints) of blood (red blood cells and/or platelets) have you had in the past 2 months?</li> </ul>					
	<ul> <li>At present I do not need transfusions</li> <li>More than once a week □ Once every 2 weeks − 1 month □ Once every 3 months</li> <li>□ Once a week □ Once every 1 month − 2 months</li> <li>□ Infrequently - when I become symptomatic</li> <li>□ Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> <li>□ Other, please specify:</li> <li>How many units (pints) of blood (red blood cells and/or platelets) have you had in the past 2 months?</li> <li>□ Units of red blood cells</li> </ul>					
3.8.4	<ul> <li>At present I do not need transfusions</li> <li>More than once a week</li> <li>Once every 2 weeks − 1 month</li> <li>Once every 3 months</li> <li>Once a week</li> <li>Once every 1 month − 2 months</li> <li>Infrequently - when I become symptomatic</li> <li>Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> <li>Other, please specify:</li> <li>How many units (pints) of blood (red blood cells and/or platelets) have you had in the past 2 months?</li> <li>Units of red blood cells</li> <li>Units of platelets</li> </ul> How much time – on average - do you spend in hospital each time you have a transfusion					
3.8.4	<ul> <li>At present I do not need transfusions</li> <li>More than once a week</li> <li>Once every 2 weeks − 1 month</li> <li>Once every 3 months</li> <li>Infrequently - when I become symptomatic</li> <li>Infrequently - when my haemoglobin drops below a specific level determined by my clinicians</li> <li>Other, please specify:</li> <li>How many units (pints) of blood (red blood cells and/or platelets) have you had in the past 2 months?</li> <li>Units of red blood cells</li> <li>Units of platelets</li> <li>How much time – on average - do you spend in hospital each time you have a transfusion (including waiting time)?</li> </ul>					

3.8.6	Have you had any complications or side effects from transfusions?				
	□ No   → Skip to <b>Q 3.9</b>		Yes		
3.8.7	Did you need additional treatment as a result o	of these sid	le effects? Please give details:		
3.8.8	Were you hospitalised as a result of these side	effects?			
	□ No		Yes, please specify number of days:		
3.8.9	How long did these complications last overall?				
	•				
3.9	Have you received information from your healt	h care staf	ff about transfusion related iron		
	overload?				
	□ No		Yes		
3.10	Have you ever had a <u>ferritin level check</u> ?				
	□ No		Yes		
	☐ Don't know → Skip to <b>Q 3.11</b>				
3.10.1	What was your most recent ferritin level (in mid	crograms/	mcg)?		
	□ Below 500		2,000 – 3,000		
	□ 500-1,000		More than 3,000		
	□ 1,000-2,000		Don't know		
3.11	Have you ever had <u>iron chelation therapy</u> (remo	oval of exc	ess iron from your blood)?		
	☐ No — Skip to <b>Q 3.12</b>		□ Yes		
3.11.1	Which type of iron chelation therapy have you	received?	Please tick all that apply:		
	☐ Oral Exjade/ deferasirox ☐ Defer	oxamine in	jections /pump   Venesection		
3.11.2	Are you still receiving iron chelation therapy?				
	□ No		□ Yes		
2442					
3.11.3	What did/ do you find to be the greatest challe	nge of you	ir treatment for Iron overload?		

3.12	1	ou ever had growth factor injections (shots) as treatment for your MDS? (Medications to e your red blood cells, white blood cells, or platelets.)
		No → Skip to <b>Q 3.13</b> □ Yes
		Don't know → please check list in Q 3.12.1
3.12.1	Which §	growth factor(s) have you received? Please tick all that apply:
		Erythropoietin/ 'EPO' (Aranesp, Eprex, Epogen, Epoetin, Procrit, Neorecormon)
		G-CSF (Neupogen, Neulasta, Filgrastim, Lenograstim)
		Other, please specify:
		Don't know/ can't remember
3.12.2	Please g	give the dose and frequency of the growth factor injections if you know them:
3.12.3	Are you	still receiving growth factor treatment?
		No
3.13	-	ou ever had any <u>chemotherapy</u> (or any <u>MDS specific drugs</u> such as azacitidine/ Vidaza or omide/ Revlimid)?
		No → Skip to <b>Q 3.14</b>
		Yes – I have had chemotherapy as a treatment option. Please list drug names if you know them:
		Yes – I have had chemotherapy as a conditioning regimen prior to a bone marrow transplant
		Yes – I have had azacitidine/ Vidaza
		Yes – I have had lenalidomide/ Revlimid
3.13.1		still taking chemotherapy (or any MDS specific drugs such as azacitidine/ Vidaza or omide/ Revlimid)?
		No
		No – I have had a bone marrow transplant
		Yes – I still take chemotherapy as a treatment option
		Yes – as part of my conditioning regimen prior to a bone marrow transplant
		Yes — I still take azacitidine/ Vidaza  Please specify number of cycles:
		Yes – I still take lenalidomide/ Revlimid Please specify for how long:

3.14	Since y	ou have had MDS, have you neede	ed antibi	otic medication for any infection(s)?
		No <b>→</b> Skip to <b>Q 3.15</b>		Yes
3.14.1	What k	kind of infection(s) (pneumonia, bla	adder, et	tc.)?
3.14.2	Did you	u need to be hospitalized for treati	ment of	your infection(s)?
		No		Yes
3.15	Have y	ou had an infection that required i	medical t	treatment in the past month?
		No		Yes
3.16	Have y	ou received any other treatment o	r medica	ations for your MDS?
		No → Skip to <b>Q 3.17</b>		Yes
3.16.1	ii yes, i	please list the names of the drugs o	or other	treatment you received.
3.17	Do you	have any other health issues? Ple	ase tick	all that apply:
3.17	Do you	have any other health issues? Ple  Deafness or severe hearing impai		all that apply:
3.17	-	•		all that apply:
3.17		Deafness or severe hearing impai	rment	all that apply:
3.17		Deafness or severe hearing impai	rment	all that apply:
3.17		Deafness or severe hearing impai Blindness or partially sighted A long standing physical condition	rment	all that apply:
3.17		Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition	rment	all that apply:  chronic heart disease, HIV, epilepsy)
3.17		Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition	rment n abetes, c	chronic heart disease, HIV, epilepsy)
3.17		Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition A long standing illness (such as di	rment n abetes, c	chronic heart disease, HIV, epilepsy)
3.17		Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition A long standing illness (such as di	rment n abetes, c oblems	chronic heart disease, HIV, epilepsy)  Skip to <b>Q 3.18</b>
		Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition A long standing illness (such as di I do not have any other health pro Other, please specify:	rment n abetes, c oblems	chronic heart disease, HIV, epilepsy)  Skip to <b>Q 3.18</b>
	Has MI	Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition A long standing illness (such as did I do not have any other health production) Other, please specify:	rment  abetes, cooblems  eatment	chronic heart disease, HIV, epilepsy)  Skip to Q 3.18  of any of these health issues?
	Has MI	Deafness or severe hearing impair Blindness or partially sighted A long standing physical condition A learning disability A mental health condition A long standing illness (such as did I do not have any other health profother, please specify:  OS had an impact on the care or trees.	rment  abetes, o  oblems  eatment	chronic heart disease, HIV, epilepsy)  Skip to Q 3.18  of any of these health issues?

3.18	Does a	nyone in your household have	any of the l	nealth issues	listed in Q 3.	17?	
		No					
		Yes, please specify:					
3.19	To wha	it extent do you make decision	ıs about you	r treatment?	•		
		My doctor always makes deci	isions about	my treatmer	nt		
		All decisions are shared betw	een me and	my doctor			
		I always make my treatment of	decisions				
3.20	Please	add any other comments abou	ut treatmen	t/ treatment	decisions:		
3.21	Please	ast 4 weeks, how frequently had answer using the scale where 1 = Most of the time, 5 = All of the	L = None of t		_	time, 3 = Sc	ome of the
			None of the time	A little of the time	Some of the times	Most of the time	All of the time
	I thinl	k about MDS	1	2	3	4	5
		ry about MDS	1	2	3	4	5
		is an emotional burden to me	1	2	3	4	5
	MDS/	cal health issues caused by MDS treatments affect me	1	2	3	4	5
	My da MDS	aily activities are affected by	1	2	3	4	5
3.22		lo you find to be the greatest o					

3.24	What did/ do you find to be the greatest challenge in your <u>treatment</u> for MDS?				
3.25	What do you now know about MDS and its treatment that you wish you had been aware of at the diagnosis stage and why?				
	Part 4 – Practical impact of MDS				
INFO	The following questions ask about the practical impact of MDS on you and those who support you.				
4.1	IN THE LAST MONTH, How many hours did you spend travelling to and from the hospital for your				
	MDS care?				
4.2	Which method of transport do you generally use to travel to the hospital?				
	☐ Public transport (such as bus, train, tube, tram)				
	☐ Drive (or driven by friends or family) in private car or vehicle				
	□ Taxi arranged and paid for myself				
	Hospital provided transport (such as hospital transport or ambulance service vehicle or a taxi or car arranged by the hospital)				
	☐ Combination of the methods above, <b>please specify:</b>				
4.3	How much of an impact do hospital travel costs have on your household budget?				
	Travel costs do not have an impact on my household budget				
	<ul> <li>Travel costs have somewhat of an impact on my household budget</li> </ul>				
	<ul> <li>Travel costs have a significant impact on my household budget</li> </ul>				
	☐ This does not apply to me				
4.4	How much of an impact do car parking costs (whilst you are at the hospital) have on your				
	household budget?				

Car park costs do not have an impact on my household budget

Car park costs have **somewhat** of an impact on my household budget

Car park costs have a **significant** impact on my household budget

This does not apply to me

4.5	of your MDS? Please I	st all your helpers (e.	g. spouse, child, frier	paid or unpaid helpers because nd, neighbour, colleague, each helper spent supporting
	Area of suppo	rt:	Helpers:	Hours spent helping in the last month:
	Transport to medica	·		h/month
	Assistance in daily a	ctivities		h/month h/month
	Assistance in admin	istration		h/month h/month
	of treatment for MI	OS		h/month
	Emotional support			h/month
	Other, <b>please speci</b>	 fy:		h/month h/month
				h/month
	<u>Part</u>	5 - General support fo	or MDS patients and	<u>carers</u>
5.3	Have you sought a pri	vate (non-NHS) consu	Itation at any point r	egarding your MDS care?
	□ No		Yes, please give o	letails:
5.4	Do you <u>have access to</u> Nurse Consultant?	a specific MDS nurse	or Haematology CNS	S/Clinical Nurse Specialist or
		lurse Specialist or Nu	•	MDS nurse or Haematology
		ccess and have contac lurse Specialist or Nu		nurse or Haematology
	Specialist or N	nave access to <b>a speci</b> Iurse Consultant - but to <b>Q 5.5</b>		matology CNS/Clinical Nurse ne
		<b>lurse Consultant</b> – bu		ematology CNS/Clinical Nurse see one
		I have <b>never been off</b>	<b>ered</b> this service	

5.4.2	Please rate how useful contact with Specialist or Nurse Consultant is for Please answer using the scale where 1 Please tick the 'Not relevant to me' box	r <b>helping</b> v = Not at al	<b>you to dea</b> I useful and	al with the	following	:	urse
		No	ot at all us	eful	Extre	mely usefu	Not relevant to me
	Reducing my level of worry about N	ИDS	1	2	3 4	. 5	
	Reducing the emotional burden cauby MDS	used	1	2	3 4	. 5	
	Dealing with physical health issues caused by MDS/ MDS treatments		1	2	3 4	. 5	
	Dealing with practical issues connector MDS	cted	1	2	3 4	. 5	
	Haematology CNS/Clinical Nurse Sp						
5.6	Do you have access to a Haemato/6 emotional/psychological assistance   Yes − I have access but hav  Skip to Q 5.7  Yes − I have access and have  No − I do not have access to Skip to Q 5.7  No − I do not have access to Skip to Q 5.7  Don't know − I have never to Skip to Q 5.7	e for peop e not con ve contact o a counse o a counse	tacted the ted the cor ellor - but ellor – but	sed with be counselld unsellor I would like	lood relate or se to see o	ed disorder	-
5.6.1	Please rate how useful contact with the following: Please answer using the scale where 1: Please tick the 'Not relevant to me' box	= Not at al	l useful and	l 5 = Extrer	nely useful ant to you.	helping yo	Not
	Dedicales of Landa C						relevant to me
	Reducing my level of worry about MDS	1	2	3	4	5	
	Reducing the emotional burden caused by MDS	1	2	3	4	5	
	Dealing with practical issues connected to MDS	1	2	3	4	5	

Helps me think less frequently about MDS

5.7	Please add any relevant comments at counsellors:	oout <u>acces</u>	s or <u>lack of a</u>	access to	Haemato/O	ncology	
5.7.1	Have complementary therapies ever		•				
	□ No	□ Ye	es				
5.8	Do you wish to have contact with oth	er MDS pa	itients?				
	☐ No  — Skip to Q 5.8.1	□ Y	es —	Skip to (	Q 5.8.2		
5.8.1	Please say why you would not like co	ntact with	other MDS	patients:			
5.8.2	Please say why you <u>would like</u> contac	t with oth	er MDS pati	ents:			
INFO	The next 5 questions relate to MDS U We provide the following 2 types of in Annual Patient Forum — Yearly full da patients/ carers/ families. Include Qua experiences, as well as presentations to Local Patient Meeting — 2-3 hour me patients/ carers /families in the local a experiences. Occasionally short inform for patients to get involved in the runn	nformation by events in lity of Life by specialist eetings evented area. Opented mal preser	n events:  n larger citics sessions for st MDS clinic ery 2-4 more sessions for stations by s	es, free or patients cians.  on this, free r patients	and carers to the charge to meet an	o share the and open d share the	heir MDS to MDS heir MDS
5.9	Have you ever attended an MDS UK A  □ No Skip to Q 5.10	Annual Pat	ient Forum	or MDS U	K Local Pati	ent Meet	ing?
5.9.1	How useful has attendance to an MD: Meeting been? Please rate one/both Please answer using the scale where 1 = N	event typ	es dependir	ng on wha	t you have		
		Not at al			Extremel	1	N/A
	MDS UK Annual patient forum	1	2	3	4	5	
	MDS UK Local patient meeting	1	2	3	4	5	
5.9.2	Please add additional comments/ crit	icisms abo	out MDS UK	patient e	vents you h	ave atter	ıded:

5.10	Do you wish to attend any MDS UK patient events in the future? Please tick all that apply:
	□ No → Skip to <b>Q 5.11</b>
	☐ Yes – I wish to attend MDS UK Annual Patient Forum events
	☐ Yes − I wish to attend MDS UK Local Patient Meetings
5.10.1	What subjects /aspects of MDS would be particularly useful to discuss/to listen to/to learn about?
5.11	If you have had <u>any contact</u> with other MDS patients, how was this experience overall? What did you gain? Was it positive/negative?
5.12	Do you have easy access to a computer and the internet?
	□ No □ Yes
5.12.1	Has a friend or family member ever <u>looked on your behalf</u> / have you ever <u>looked yourself</u> for information about MDS on the internet?
	□ No → Skip to <b>Q 5.13</b>
	☐ Yes — a friend or family member has looked for information on my behalf
	☐ Yes — I have looked for information myself
5.12.2	Have you been able to get sufficient, reliable and helpful information on MDS via the internet?
5.14	AT THE TIME OF DIAGNOSIS, Did you receive information on the MDS UK Patient Support Group at the hospital?
	□ No □ Yes – via hospital staff — Skip to Q 5.15
	☐ Yes – via leaflet in waiting room / saw poster → Skip to <b>Q 5.15</b>
5.14.1	If not, how did you hear about the MDS UK Patient Support Group?
	☐ This is the first time I have heard of the MDS UK Patient Support Group
	☐ At tertiary hospital/MDS Centre of Excellence (specialist centre)
	□ Family member/ carer □ Internet
	☐ Another patient ☐ Other, <b>please specify</b> :

	Please check this list of MDS UK Patient Support Group services and information resources.  Rate the ones you have used according to their usefulness.  Please answer using the scale where 1 = Not at all useful and 5 = Extremely useful							
	·	k if used:	Not at al			Extremel	v useful	
		Practical advice/support via phone call/email to MDS UK	1	2	3	4	5	
		Received an MDS UK Patient Information Pack	1	2	3	4	5	
		Emotional support via phone call/email	1	2	3	4	5	
		Attended MDS UK patient event	1	2	3	4	5	
		Consulted MDS UK website	1	2	3	4	5	
		Consulted MDS UK online Message Forum	1	2	3	4	5	
		Read MDS UK Newsletter	1	2	3	4	5	
		Consulted MDS UK Facebook pages	1	2	3	4	5	
		I have never used any of the services/res	ources list	ed above				
6		nere any reasons you <u>do not access</u> <u>some o</u> ntient Support Group? Please tick all that a		support s	ervices (	offered by t	he MDS	
6	UK Pa			support s	ervices (	offered by t	he MDS	
5	UK Pa	tient Support Group? Please tick all that a		support s	ervices (	offered by t	he MDS	
5	UK Pa	Fatigue – I am just too tired	pply:	support s	ervices (	offered by t	:he MD	
5	UK Pa	Fatigue – I am just too tired  Anxiety	<b>pply:</b> nds	support s	ervices (	offered by t	:he MDS	
5	UK Pa	Fatigue — I am just too tired  Anxiety I get sufficient support from family and frie	<b>pply:</b> nds ff					
5	UK Pa	Fatigue – I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical state	<b>pply:</b> nds ff at I don't h	nave the tii	me for a	nything else	2	
5	UK Pa	Fatigue – I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical stat I am so busy with medical appointments th	pply: nds ff at I don't h	nave the tii	me for ai	nything else out their pi	e roblems	
;	UK Pa	Fatigue — I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical state I am so busy with medical appointments th I am worried about meeting with other peo	pply: nds ff at I don't h	nave the tii	me for ai	nything else out their pi	e roblems	
;	UK Pa	Fatigue – I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical stat I am so busy with medical appointments th I am worried about meeting with other peo I am worried about contacting the support information about MDS	pply: nds ff at I don't h ple with N group and	nave the tii	me for ai	nything else out their pi	e roblems	
<b>;</b>	UK Pa	Fatigue – I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical stat I am so busy with medical appointments th I am worried about meeting with other peo I am worried about contacting the support information about MDS I don't want to focus too much on MDS	pply: nds ff at I don't h ple with N group and	nave the tii IDS and he hearing oi	me for ai	nything else out their pi	e roblems	
·	UK Pa	Fatigue — I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical state I am so busy with medical appointments th I am worried about meeting with other peo I am worried about contacting the support information about MDS I don't want to focus too much on MDS I am unaware of what support options ther	pply: nds ff at I don't h ple with N group and	nave the tii IDS and he hearing oi	me for ai	nything else out their pi	e roblems	
	UK Pa	Fatigue — I am just too tired  Anxiety I get sufficient support from family and frie I get sufficient support from the clinical state I am so busy with medical appointments th I am worried about meeting with other peo I am worried about contacting the support information about MDS I don't want to focus too much on MDS I am unaware of what support options ther I am a private person and would rather kee	pply: nds ff at I don't h ple with N group and	nave the tii IDS and he hearing oi	me for ai	nything else out their pi	e roblems	

5.17	From your experience as a patient, what type of information (including which subjects) would be of benefit or helpful <u>for you</u> ?
5.18	From your experience, what type of information do you think would be of benefit or helpful <u>for carers/family members</u> ?
5.19	Have you heard of/ are you aware of NICE (National Institute for Health and Clinical Excellence)?
	□ No
	☐ Yes – but only since contacting the MDS UK Patient Support Group
	☐ Yes — independently from the MDS UK Patient Support Group
5.20	Where did you obtain this questionnaire?
	□ Included in a newsletter
	□ Via a nurse/doctor in a hospital
	□ Posted or emailed to me personally by MDS UK Patient Support Group
	☐ From another patient
	□ From the internet
	□ Other, please specify:
5.21	Any final comments:
	This is the end of the main questionnaire

In addition please also complete the following important and new health related Quality of Life questionnaire (QOL-E v.2) on pages 21 & 22. This is the only existing validated instrument designed specifically for MDS. Your answers will help to support its use in research and clinical settings.

When you finish - please <u>DETACH THE FRONT PAGE</u> containing our contact details and return the completed questionnaire back to us following the instructions on the cover letter.

## QOL-E v. 2

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#### **INTRODUCTION**

1) In general, you would say that your health is:

Excellent	Good	Acceptable	Poor

2) Compared to a month ago, your health is:

improved the same worse width worse	Improved	The same	Worse	Much Worse
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#### **PHYSICAL WELL-BEING**

3) In the last week, some daily activities may have been limited by your health, such as:

		I find it very difficult	I find it partially difficult	It is not difficult at all
Α	Performing heavy activities (for example, running, jumping, etc.)			
В	Climbing stairs			
С	Lowering myself			
D	Taking care of myself (washing, dressing, feeding myself)			

#### **FUNCTIONAL WELL-BEING**

4) In the last week, what problems have you had in daily activities because of your health?

		Yes	No
Α	I got very little done		
В	I had more fatigue doing my work		

5) During the last week was it difficult for you to stay awake during the daytime?

Always	For many hours	For a few hours	Never
--------	----------------	-----------------	-------

#### **SOCIAL OR FAMILY WELL-BEING**

6) According to you, are the following statements true or false?

		True	I do not know	False
Α	My present condition interferes too much with my life			
В	I feel oppressed by my disease			
С	I feel that I am a burden for my family			

			True		False						
8) In the last week, was getting sexually excited a problem for you?											
		Never Rarely		ely		Sometimes			0	ften	
DI	STUF	RBANCES, RELATED TO 1	THE DISEASE								
9)	9) In the last week, how much did fatigue get in the way with your daily chores?										
		Not at all A little			A lot				Extremely		
10	10) In the last week, how much fatigue did you have?										
		Not at all	A li	ttle		A lot			Extreme		
11)	11) In the last week, how much did the following problems disturb you?										
				Not at a	II	A litt	tle	A lot	A lot Extremely		
	Α	Headache									
	В	B Palpitations (i.e., heart pounding)									
	С	C Difficulty in taking care of yourself									
	D	Being bedridden									
12)	Dur	ing the last week, did yo	ou get enough	sleep?			•				
		Always	Oft	en		Rarely			Never		
13	) Du	ring the last week, did sh	nortness of br	eath while cl	imbir	ng the stair	s disturb	you?			
		Never	Some	times		Oft	en		Very often		
14	14) What effects of the disease disturb your daily life?										
				N	lo, no	t at all	at all A little		bit Yes, extremely		
	Α	Being dependent on transfusions									
	В	Not being able to do house chores									
	С	Not being able to travel									
		Being dependent on the hospital, doctors and/or nurses									
	E	Stress and worry because of the disease									
	F	The effect on your sex li	ife								
	G	Side effects of treatmer	nt								
L											

7) Your health is an impediment for you to keep a paid job (whether you are of retirement age or not).