

Role of trans-arterial radiation therapy (Radioembolization) in management of hepatocellular carcinoma

Thesis

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List of Contents

	Page
• List of Abbreviations	i
• List of Figures	v
• List of Tables	ix
• Introduction	1
• Aim of the work	3
• Review of Literature	
 - Chapter 1 Hepatocellular Carcinoma	 4
- Chapter 2 Staging and scoring system of hepatocellular carcinoma	18
- Chapter 3 Management of hepatocellular carcinoma	24
- Chapter 4 Radioembolization	29
- Chapter 5 Techniquial consideration and dosimetry	34
- Chapter 6 Complication	57
- Chapter 7 Radiological response.....	63
• Patients & Methods	76
• Results	84
• Illustrative cases	97
• Discussion	106
• Conclusions & Perspectives	122
• English Summary	124
• References	127
• Arabic Summary	

List of Abbreviations

AASLD	American Association for the Study of Liver Diseases
AE	Adverse Event
AFP	Alpha Fetoprotein
AJCC	American Joint Committee on Cancer
BCLC	Barcelona Clinic of Liver Cancer
BSA	Body Surface Area
CLIP	Cancer Liver of Italian Programme
CT	Computed Tomography
CTC	Common Toxicity Criteria
DWI	Diffusion weighted imaging
EASL	European Association of Study of Liver Disease
ECOG	Eastern Cooperative Oncology Group
Fr	French (unit)

FDA	Food and Drug Administration
FSE	Fast spin echo
GDA	Gastroduodenal Artery
GM	Geiger Mueller (detector)
GRE	Gradient recalled echo
HCC	Hepatocellular Carcinoma
HCV	Hepatitis C virus
LSF	Lung Shunt Fraction
MAA	Macroaggregated Albumin
MDCT	Multidetector CT
MR	Magnetic resonance
NCI	National Cancer Insitute
PEI	Percutancous Ethanol Injection
PET	Positron Emission Tomography
PS	Performance Status
PSI	Pound per Square Inch
PVT	Portal Vein Thrombosis

RCT	Randomized Control Trails
RECIST	Response Evaluation Criteria in Solid Tumors
RFA	Radiofrequency Ablation
RILD	Radiation Induced Liver Disease
SPECT	Single Photon Emission Computed Tomography
SPIO	Superparamagnetic particles of iron oxide
TACE	Transcatheter Arterial Chemoembolization
TNM	Tumor, Node and Metastases
TTP	Time to Progression
US	Ultrasonography
WHO	World Health Organisation
Y-90	Yttrium-90
Tc-99m	Technetium-99m

Radiological and Radioactivity Units:

GBq	Gigabecquerel
Gy	Gray

mCi	Millicurie
mrem/h	Millirem/hour
mR/h	Milliroentgen/hour
REM	Roentgen Equivalent Man
μSv/h	Microsievert/hour

LIST OF FIGURES

	Title	Page
Figure 1	Diagram illustrates the sequence of hepatocarcinogenesis and neovascularization in cirrhosis.	5
Figure 2	Algorithm for the investigation of liver nodules found at US surveillance of patients with cirrhosis.	8
Figure 3	Hepatocellular carcinoma in a 62-year-old female.	11
Figure 4	CT scan of HCC in a 45-year-old male.	12
Figure 5	A 44-year-old male patient with a history of alcohol-induced liver cirrhosis and two HCC nodules	16
Figure 6	Strategy for staging and treatment as proposed by BCLC	25
Figure 7	Chemoembolization and radioembolization.	30

Figure 8	Segmental anatomy of liver	36
Figure 9	Standard hepatic arterial anatomy and important mesenteric vessels from celiac axis.	39
Figure 10	Normal variants of hepatic arterial vasculature and resultant perfusion on SPECT/CT.	42
Figure 11	99mTc-MAA scan of a patient with a large tumor involving the right lobe	46
Figure 12	SIR-Spheres Infusion Set.	52
Figure 13	Application of mRECIST.	71
Figure 14	Application of mRECIST in assessment of new lesion.	74
Figure 15	Gamma camera	79
Figure 16	Toshiba CR angiography machine.	80
Figure 17	SIR infusion set connected to the catheter.	81

Figure 18	Liver volume exposed to radiation	84
Figure 19	Hepato-pulmonary shunt of 88.9%.	85
Figure 20	Hepato-pulmonary shunt of 7%.	89
Figure 21	Kaplan Mayer curve.	94
Figure 22	Segment IV HCC.	97
Figure 23	Coronal reformatted image of segment IV HCC.	98
Figure 24	Hepatic angiography.	99
Figure 25	Three months post radioembolization.	100
Figure 26	Coronal reformatted images with complete radiological response.	101
Figure 27	CT right lobe HCC with malignant portal vein invasion.	102

Figure 28	Six months post radioembolization.	103
Figure 29	MRI and CT of large right lobe HCC.	104
Figure 30	Hepatic focal lesion Pre and Post radioembolization.	105

List of Tables

		Page
	Review of literature	
Table 1	Key features of regenerative nodules, dysplastic nodules	13
Table 2	Child-Pugh Score.	18
Table 3	Okuda Staging Variables.	19
Table 4	TNM Staging.	21
Table 5	BCLC practical staging of HCC.	22
Table 6	ECOG Performance Status.	27
Table 7	SIR-Spheres Dosimetry Based on Tumor Burden	49
Table 8	Comparison between Theraspheres and SIR-Spheres	51
Table 9	The RECIST and mRECIST for tumor response.	69
Table 10	Overall response assessment	75
Table 11	Demographics and baseline characteristics of the examined patients	86
Table 12	Assessment of radiological response after radioembolization.	91
Table 13	Means and Medians for Survival Time.	93