INTRODUCTION

SEVERAL QUESTIONS WE MUST ASK OURSELVES

- Do I have enough knowledge about the project and the project partners?
- Are all permits available?
- Are animal welfare and other aspects of the project handled appropriately?
- Do I have a contract?
- “Insurance” - what happens when the shit hits the fan?

INTRODUCTION

MORE QUESTIONS WE MUST ASK OURSELVES

- Why are we capturing? Does it benefit in-situ conservation?
- Where are we capturing?
- Which is the primary species?
- How are we going to capture the species?

WHY AM I CAPTURING?

Every anesthetic event bears the inherent risk of significant injury and potentially death through the manipulation of a wild animal. While it may be necessary to ascend this risk to ensure the conservation of the species, it must be acknowledged that the procedure is necessary and that the potential gains outweigh the risk.

(KREEGER ET AL., 2002)
WISDOM #1

SAFE AND ANIMAL-WELFARE APPROPRIATE WILDLIFE CAPTURE AND ANESTHESIA IS A COMPLEX OPERATION NECESSITATING A MULTITUDE OF SKILLS THAT REQUIRE APPROPRIATE VETERINARY TRAINING.

WISDOM #2

CAPTURE AND GENERAL ANESTHESIA CAN ONLY BE AS SAFE AS THE ACQUIRED SKILLS AND KNOWLEDGE OF THE PERSON PERFORMING THE PROCEDURE ALLOW. THESE IN COMBINATION WITH AN ADEQUATE ANESTHETIC PROTOCOL DETERMINE THE OUTCOME.

WISDOM #3

FIELD WORK LOOKS REALLY COOL ON TV AND IN THE MEDIA. THE PROGRAM NEVER LASTS LONGER THAN 50 MINUTES.
ARE YOU PREPARED TO EAT THIS FOR SEVERAL WEEKS?

CASE REPORT _IRANIAN ASIATIC CHEETAH AND PERSIAN LEOPARD_

IRANIAN ASIATIC CHEETAH PROJECT
- IRAN DEPT. OF ENVIRONMENT
- WILDLIFE CONSERVATION SOCIETY

STAKEHOLDERS
- OWN INSTITUTION
- EXPAT COLLEAGUES IN OTHER INSTITUTIONS
- INTERNATIONAL ORGANIZATIONS AND THEIR DONORS
- NATIONAL AND LOCAL GOVERNMENTS, AUTHORITIES AND NGO'S
- NATIONAL AND LOCAL SCIENTISTS
- LOCAL COMMUNITIES
BEFORE A PROJECT ACTUALLY STARTS, YOU MAY NEED YEARS OF
DISCUSSION AND STAKEHOLDER DIALOG

GET A TEAM TOGETHER:

- Mr. H. Ziaee (UNDP-DOE CHEETAH P)
- Dr. Luke Hunter (WCS)
- Mr. Guy Balme (Univ. Kwazulu Natal / WCS)
- Dr. Chris Walzer (Univ. Vet. Med. Vienna)
- Dr. Stephane Ostrowski (WCS)
- Mr. Houman Jowkar (WCS)
- Dr. Nadia Robert (Univ. Berne, Switzerland)
- Mr. Karimi (DOE BAFG)
- Mr. Afsin Zarei, Ms. Solmaz Pahlevanzade (CACP)
- Dr. Kamran Kashiri, Mr. Arash Ghodduisi, Mr. Hadi Fahimi, Mr. Morteza Ismaili (ICS),
  Mr. Ebrahim Gholamreza Pour, Mr. Ali Khagh (DOE BAFG)
- Mr. Babaji

PROPOSAL AND FUNDING
SET UP A COMFORTABLE CAMP

SEARCH FOR SPECIES SIGNS - TRACKS, SCAT, SCRATCH, CAMERAS, TRAPS
TEXT

RT TRAP CHECK Q 2 HRS /24 HRS

TOOST MTN. SOUTH GOBI

TOOST MTN. SOUTH GOBI
CHEETAH CAPTURE (AFTER 3 WEEKS OF WAITING)

- Male cheetah in snare
- What protocol are you going to use?
  - Telazaine
  - Zolazepam
  - Medetomidine
  - 2-3 mg/kg TZ
- How are you going to monitor the anesthesia?

"Manu" Male Subadult

Place collar, collect biomedical samples, weigh.

SECONDARY SPECIES!

- Which species can you expect to capture in the same areas?
  - Persian leopard
  - Wild goat/wild sheep
  - Wild
domestic livestock (camel, sheep, goat)
  - Humans
BY-CATCH

PORCUPINES
CAMELAS
POACHERS
PARK DIRECTOR
HERDER BOY

PERSEAN LEOPARD: ESNAFT VALLEY, IRAN

RESTRAINING CHAIN: LEOPARD CAPTURE

TEXT
CAPTURE EQUIPMENT/BAG

1. Before you leave on a field trip, carefully think about the equipment you are going to need.
2. Most times forgotten items cannot be replaced locally.
3. Check lists are not only for wimps!
4. When you return, re-evaluate your equipment lists.
IRAN FIELD CAPTURE BAG

CAPTURE EQUIPMENT/BAG

- Anesthesia - Anti-Antagonists for All Species
- Anesthesia Drugs for Squirrels
- Humane Squirrels
- Human Emergency Kit
CAPTURE EQUIPMENT/BAG

- Communication
- Hay/ feed
- Warm clothes

FINAL WISDOM 1

- A discussion on "ownership" of results and samples at the onset has proven beneficial.
- All results must be available locally.
- Diagnosing impact factors are also published results locally.
TRAINING AND EDUCATION

- Integrated training and education program a prerequisite
- Will contribute towards a sustainable long-term approach

- Involve local communities in a participatory fashion
- Collaborate with the respective specialists - social scientists and economists

FINAL WISDOM 3

- By far the greatest risk is a vehicle (car, motorcycle or plane) accident and inadequate or non-existent medical aid
- Consider having an evacuation plan
- Ensure all collaborators are aware of the risk

FINAL FINAL WISDOM

- No single discipline holds the solution to maintaining health, welfare and conservation of wildlife species and their habitats
- Establish truly multi-institutional transdisciplinary teams
- Network and communicate